

# ANDERSEN® 400 SERIES WINDOW AND DOOR NFRC/ENERGY STAR® INFORMATION

This document provides NFRC certified U-Factor, Solar Heat Gain Coefficient (SHGC) and Visible Transmittance (VT) values for Andersen® products along with the corresponding ENERGY STAR® Version 5.0 (2010) climate zones that the product and glass type meet.



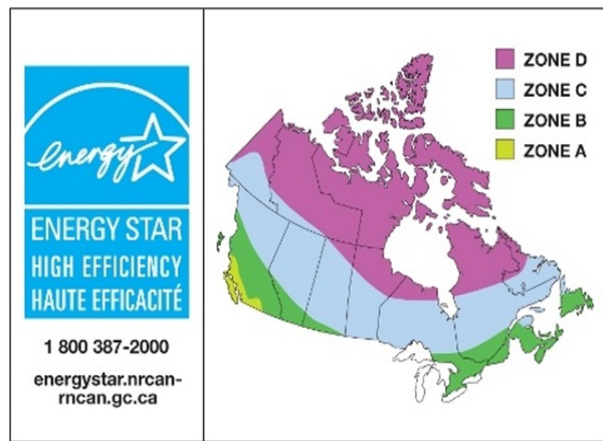
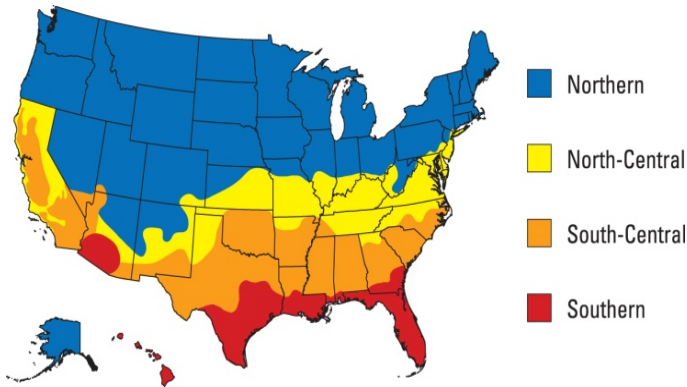
These products rated, certified and labeled by National Fenestration Rating Council® (NFRC) - a non-profit organization that provides fair, accurate and credible energy performance ratings for windows and doors.



Many of our products meet the stringent energy efficiency guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy. These guidelines are based on the heat gain and loss of each product in various regions of the country. Check the Andersen product performance available at [www.andersenwindows.com](http://www.andersenwindows.com) for specific ENERGY STAR qualifications.

## United States ENERGY STAR® Climate Zone Criteria

## Canada ENERGY STAR® Climate Zone Criteria



### ENERGY STAR® Qualification Criteria for Residential Windows and Doors

Climate Zone	Windows		Prescriptive	Equivalent Energy Performance	Doors		
	U-Factor <sup>1</sup>	SHGC <sup>2</sup>			Glazing Level	U-Factor <sup>1</sup>	SHGC <sup>2</sup>
Northern	≤ 0.30	Any	Prescriptive	Equivalent Energy Performance	Opaque	≤ 0.21	No Rating
	≥ 0.31	≥ 0.35			≤ 1/2-Lite	≤ 0.27	≤ 0.30
North-Central	≤ 0.32	≥ 0.40	Equivalent Energy Performance	Equivalent Energy Performance	> 1/2-Lite	≤ 0.32	≤ 0.30
	≤ 0.32	≥ 0.40					
South-Central	≤ 0.35	≤ 0.30					
Southern	≤ 0.60	≤ 0.27					

Windows				
Zone	Heating Degree-Day Range	Compliance Paths		
		Energy Rating (ER)	or	U-Factor
		Minimum ER (unitless)		Maximum U-Factor
		Maximum U-Factor 2.00		Minimum ER
		W/m <sup>2</sup> •K		W/m <sup>2</sup> •K
		(0.35 Btu/h•ft <sup>2</sup> •°F)		(Btu/h•ft <sup>2</sup> •°F)
A	≤ 3500	21	or	1.80 (0.32)
B	> 3500 to ≤ 5500	25	or	1.60 (0.28)
C	> 5500 to ≤ 8000	29	or	1.40 (0.25)
D	> 8000	34	or	1.20 (0.21)

Doors				
Zone	Heating Degree-Day Range	Compliance Paths		
		Energy Rating (ER)	or	U-Factor
		Minimum ER (unitless)		Maximum U-Factor
		Maximum U-Factor 2.00		Minimum ER
		W/m <sup>2</sup> •K		W/m <sup>2</sup> •K
		(0.35 Btu/h•ft <sup>2</sup> •°F)		(Btu/h•ft <sup>2</sup> •°F)
A	≤ 3500	21	or	1.80 (0.32)
B	> 3500 to ≤ 5500	25	or	1.60 (0.28)
C	> 5500 to ≤ 8000	29	or	1.40 (0.25)
D	> 8000	34	or	1.20 (0.21)

For NFRC certified total unit performance for units with capillary breather tubes, please refer to the High Altitude information section for each unit.

<sup>1</sup>U-Factor defines the amount of heat loss through the total unit in BTU/hr•ft<sup>2</sup>•°F, metric in W/m<sup>2</sup>•K. The lower the value, the less the heat is lost through the entire product.

<sup>2</sup>Solar Heat Gain Coefficient (SHGC) defines the fraction of solar radiation admitted through the glass both directly transmitted and absorbed and subsequently released inward. The lower the value, the less heat is transmitted through the product.

<sup>3</sup>Visible Transmittance (VT) measures how much light comes through a product (glass and frame). The higher the value, from 0 to 1, the more daylight the product lets in over the product's total unit area. Visible Transmittance is measured over the 380 to 760 nanometer portion of the solar spectrum.

NFRC ratings are based on modeling by a third party agency as validated by an independent test lab in compliance with NFRC program and procedural requirements.

This data is accurate as of February 11, 2013 and revised August 28, 2013. Due to ongoing product changes, updated test results or new industry standards or requirements, this data may change over time. Due to variations in dealer and distributor inventory levels, products that were manufactured before February 11, 2013 that were designed, tested and labeled with different NFRC values may still be available. Check the labels on the product packaging to confirm NFRC values. Ratings are for sizes specified by NFRC for testing and certification. Ratings may vary depending on use of tempered glass, different grille options, glass for high altitude, etc.

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Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Casement Window	<b>2.2 Annealed Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-1-00614-00001	0.28	1.59	0.32	0.54	24	0.01	N	NC	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00614-00002	0.28	1.59	0.29	0.49	22	0.01	N	NC	SC	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-1-00621-00001	0.29	1.65	0.29	0.49	21	0.01	N	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00628-00001	0.28	1.59	0.29	0.49	22	0.01	N	NC	SC	-	A	B	-	-
	Low-E4® Sun	No Grilles	AND-N-1-00616-00001	0.28	1.59	0.20	0.30	17	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00616-00002	0.28	1.59	0.18	0.27	15	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00623-00001	0.29	1.65	0.18	0.27	14	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00630-00001	0.28	1.59	0.18	0.27	15	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-1-00617-00001	0.27	1.53	0.21	0.49	19	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00617-00002	0.27	1.53	0.19	0.45	17	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-1-00624-00001	0.28	1.59	0.19	0.45	16	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00631-00001	0.27	1.53	0.19	0.45	17	0.01	N	NC	SC	S	A	B	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-1-00613-00001	0.30	1.70	0.54	0.60	34	0.01	N	-	-	-	A	B	C	D
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00613-00002	0.30	1.70	0.49	0.54	31	0.01	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-1-00620-00001	0.31	1.76	0.49	0.54	30	0.01	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00627-00001	0.30	1.70	0.49	0.54	31	0.01	N	-	-	-	A	B	C	-
	<b>2.2 Annealed Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00614-00003	0.28	1.59	0.27	0.45	21	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-1-00796-00001	0.29	1.65	0.27	0.45	19	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00842-00001	0.29	1.65	0.29	0.49	21	0.01	N	NC	SC	-	A	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00616-00003	0.28	1.59	0.17	0.25	15	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00797-00001	0.29	1.65	0.17	0.25	14	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00843-00001	0.30	1.70	0.18	0.27	13	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00617-00003	0.27	1.53	0.18	0.40	17	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-1-00798-00001	0.28	1.59	0.18	0.40	15	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00844-00001	0.29	1.65	0.19	0.45	15	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00613-00003	0.30	1.70	0.44	0.49	28	0.01	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-1-00795-00001	0.29	1.65	0.44	0.49	29	0.01	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00841-00001	0.30	1.70	0.48	0.54	30	0.01	N	-	-	-	A	B	C	-
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-1-00635-00001	0.29	1.65	0.32	0.54	22	0.01	N	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00635-00002	0.29	1.65	0.29	0.49	21	0.01	N	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00642-00001	0.30	1.70	0.29	0.49	19	0.01	N	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00649-00001	0.30	1.70	0.29	0.49	19	0.01	N	NC	SC	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-1-00637-00001	0.29	1.65	0.20	0.30	15	0.01	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00637-00002	0.29	1.65	0.18	0.27	14	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00644-00001	0.30	1.70	0.18	0.27	13	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00651-00001	0.30	1.70	0.18	0.27	13	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-1-00638-00001	0.28	1.59	0.21	0.48	17	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00638-00002	0.28	1.59	0.19	0.44	16	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00645-00001	0.29	1.65	0.19	0.44	15	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00652-00001	0.29	1.65	0.19	0.44	15	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-1-00634-00001	0.31	1.76	0.53	0.59	32	0.01	N	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00634-00002	0.31	1.76	0.48	0.54	29	0.01	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-1-00641-00001	0.31	1.76	0.48	0.54	29	0.01	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00648-00001	0.31	1.76	0.48	0.54	29	0.01	N	-	-	-	A	B	C	-
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00635-00003	0.29	1.65	0.26	0.44	19	0.01	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-1-00802-00001	0.29	1.65	0.26	0.44	19	0.01	N	NC	SC	S	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010					
										Northern	N. Central	S. Central	Zone A	Zone B	Zone C	Zone D		
										NC	SC	S	A	B	C	D		
400 Series Casement Window	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00637-00003	0.29	1.65	0.17	0.25	14	0.01	N	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-1-00803-00001	0.30	1.70	0.17	0.25	12	0.01	N	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00638-00003	0.28	1.59	0.18	0.40	15	0.01	N	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-1-00804-00001	0.29	1.65	0.18	0.40	14	0.01	N	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00634-00003	0.31	1.76	0.44	0.49	27	0.01	N	-	-	-	A	B	-	-	
		Full Divided Lite (FDL)	AND-N-1-00801-00001	0.30	1.70	0.43	0.49	28	0.01	N	-	-	-	A	B	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
	Low-E4®	No Grilles	AND-N-1-00719-00001	0.29	1.65	0.32	0.54	22	0.01	N	NC	SC	S	A	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00719-00002	0.29	1.65	0.29	0.49	21	0.01	N	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-1-00725-00001	0.30	1.70	0.29	0.49	19	0.01	N	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-1-00731-00001	0.30	1.70	0.29	0.49	19	0.01	N	NC	SC	S	A	-	-	-	
	Low-E4® Sun	No Grilles	AND-N-1-00721-00001	0.29	1.65	0.20	0.30	15	0.01	N	NC	SC	S	A	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00721-00002	0.29	1.65	0.18	0.27	14	0.01	N	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-1-00727-00001	0.30	1.70	0.18	0.27	13	0.01	N	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-1-00733-00001	0.30	1.70	0.18	0.27	13	0.01	N	NC	SC	S	A	-	-	-	
	Low-E4® SmartSun™	No Grilles	AND-N-1-00722-00001	0.28	1.59	0.21	0.48	17	0.01	N	NC	SC	S	A	B	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00722-00002	0.28	1.59	0.19	0.44	16	0.01	N	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-1-00728-00001	0.29	1.65	0.19	0.44	15	0.01	N	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-1-00734-00001	0.29	1.65	0.19	0.44	15	0.01	N	NC	SC	S	A	-	-	-	
	Low-E4® PassiveSun™	No Grilles	AND-N-1-00718-00001	0.31	1.76	0.53	0.59	32	0.01	N	-	-	-	A	B	C	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00718-00002	0.31	1.76	0.48	0.54	29	0.01	N	-	-	-	A	B	C	-	
		Full Divided Lite (FDL)	AND-N-1-00724-00001	0.31	1.76	0.48	0.54	29	0.01	N	-	-	-	A	B	C	-	
		Finelight™ (grilles-between-the-glass)	AND-N-1-00730-00001	0.31	1.76	0.48	0.54	29	0.01	N	-	-	-	A	B	C	-	
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00719-00003	0.29	1.65	0.26	0.44	19	0.01	N	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-1-00826-00001	0.29	1.65	0.26	0.44	19	0.01	N	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00721-00003	0.29	1.65	0.17	0.25	14	0.01	N	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-1-00827-00001	0.30	1.70	0.17	0.25	12	0.01	N	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00722-00003	0.28	1.59	0.18	0.40	15	0.01	N	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-1-00828-00001	0.29	1.65	0.18	0.40	14	0.01	N	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00718-00003	0.31	1.76	0.44	0.49	27	0.01	N	-	-	-	A	B	-	-	
		Full Divided Lite (FDL)	AND-N-1-00825-00001	0.30	1.70	0.41	0.49	26	0.01	N	-	-	-	A	B	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
	Low-E4®	No Grilles	AND-N-1-00737-00001	0.31	1.76	0.31	0.53	19	0.01	-	NC	-	-	A	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00737-00002	0.31	1.76	0.29	0.49	18	0.01	-	NC	SC	-	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-1-00743-00001	0.31	1.76	0.29	0.49	18	0.01	-	NC	SC	-	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-1-00749-00001	0.32	1.82	0.29	0.49	17	0.01	-	NC	SC	-	A	-	-	-	
	Low-E4® Sun	No Grilles	AND-N-1-00739-00001	0.31	1.76	0.20	0.29	13	0.01	-	NC	SC	S	A	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00739-00002	0.31	1.76	0.18	0.26	12	0.01	-	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-1-00745-00001	0.32	1.82	0.18	0.26	10	0.01	-	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-1-00751-00001	0.32	1.82	0.18	0.26	10	0.01	-	NC	SC	S	A	-	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-1-00740-00001	0.30	1.70	0.21	0.48	15	0.01	N	NC	SC	S	A	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00740-00002	0.30	1.70	0.20	0.44	14	0.01	N	NC	SC	S	A	-	-	-		
	Full Divided Lite (FDL)	AND-N-1-00746-00001	0.31	1.76	0.20	0.44	13	0.01	-	NC	SC	S	A	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-1-00752-00001	0.31	1.76	0.20	0.44	13	0.01	-	NC	SC	S	A	-	-	-		

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Zone A	Zone B	Zone C	Zone D	
400 Series Casement Window	Low-E4® PassiveSun™	No Grilles	AND-N-1-00736-00001	0.33	1.87	0.48	0.59	27	0.01	-	-	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00736-00002	0.33	1.87	0.44	0.53	24	0.01	-	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00742-00001	0.33	1.87	0.44	0.53	24	0.01	-	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00748-00001	0.33	1.87	0.44	0.53	24	0.01	-	-	-	-	A	-	-	-
	3.9 Pattern Glass - w/ Grilles 1" or Greater																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00737-00003	0.31	1.76	0.26	0.44	16	0.01	-	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00831-00001	0.31	1.76	0.26	0.44	16	0.01	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00739-00003	0.31	1.76	0.17	0.24	11	0.01	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00832-00001	0.32	1.82	0.17	0.24	10	0.01	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00740-00003	0.30	1.70	0.18	0.39	13	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00833-00001	0.31	1.76	0.18	0.39	12	0.01	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00736-00003	0.33	1.87	0.40	0.48	22	0.01	-	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00830-00001	0.32	1.82	0.40	0.48	23	0.01	N	NC	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
400 Series Casement Window (w/ Capillary Breather Tubes)	<b>2.2 Annealed Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
	Low-E4®	No Grilles	AND-N-1-00473-00001	0.32	1.82	0.32	0.54	19	0.01	-	NC	-	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00473-00002	0.32	1.82	0.29	0.49	17	0.01	-	NC	SC	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00480-00001	0.33	1.87	0.29	0.49	16	0.01	-	-	SC	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00487-00001	0.32	1.82	0.29	0.49	17	0.01	-	NC	SC	-	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-1-00475-00001	0.32	1.82	0.20	0.30	12	0.01	-	NC	SC	®	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00475-00002	0.32	1.82	0.19	0.27	11	0.01	-	NC	SC	®	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00482-00001	0.33	1.87	0.19	0.27	10	0.01	-	-	SC	®	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00489-00001	0.32	1.82	0.19	0.27	11	0.01	-	NC	SC	®	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-1-00476-00001	0.31	1.76	0.21	0.49	13	0.01	-	NC	SC	®	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00476-00002	0.31	1.76	0.20	0.45	13	0.01	-	NC	SC	®	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00483-00001	0.32	1.82	0.20	0.45	12	0.01	-	NC	SC	®	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00490-00001	0.31	1.76	0.20	0.45	13	0.01	-	NC	SC	®	-	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-1-00472-00001	0.33	1.87	0.53	0.60	30	0.01	-	-	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00472-00002	0.33	1.87	0.49	0.54	27	0.01	-	-	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-1-00479-00001	0.34	1.93	0.49	0.54	26	0.01	-	-	-	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00486-00001	0.33	1.87	0.49	0.54	27	0.01	-	-	-	-	-	A	B	-	-
	<b>2.2 Annealed Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00473-00003	0.32	1.82	0.27	0.45	16	0.01	-	NC	SC	S	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00756-00001	0.32	1.82	0.27	0.45	16	0.01	-	NC	SC	S	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00836-00001	0.33	1.87	0.29	0.49	16	0.01	-	-	SC	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00475-00003	0.32	1.82	0.17	0.25	10	0.01	-	NC	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00757-00001	0.33	1.87	0.17	0.25	9	0.01	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00837-00001	0.33	1.87	0.19	0.27	10	0.01	-	-	SC	S	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00476-00003	0.31	1.76	0.18	0.40	12	0.01	-	NC	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00758-00001	0.32	1.82	0.18	0.40	10	0.01	-	NC	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00838-00001	0.33	1.87	0.20	0.45	11	0.01	-	-	SC	S	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00472-00003	0.33	1.87	0.44	0.49	24	0.01	-	-	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00755-00001	0.33	1.87	0.44	0.49	24	0.01	-	-	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00835-00001	0.34	1.93	0.48	0.54	25	0.01	-	-	-	-	-	A	B	-	-
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
	Low-E4®	No Grilles	AND-N-1-00494-00001	0.33	1.87	0.32	0.54	17	0.01	-	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00494-00002	0.33	1.87	0.29	0.49	16	0.01	-	-	SC	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00501-00001	0.34	1.93	0.29	0.49	14	0.01	-	-	SC	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00508-00001	0.34	1.93	0.29	0.49	14	0.01	-	-	SC	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-1-00496-00001	0.33	1.87	0.20	0.30	11	0.01	-	-	SC	®	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00496-00002	0.33	1.87	0.19	0.27	10	0.01	-	-	SC	®	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00503-00001	0.34	1.93	0.19	0.27	9	0.01	-	-	SC	®	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00510-00001	0.34	1.93	0.19	0.27	9	0.01	-	-	SC	®	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-1-00497-00001	0.32	1.82	0.21	0.48	12	0.01	-	NC	SC	®	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00497-00002	0.32	1.82	0.20	0.44	12	0.01	-	NC	SC	®	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00504-00001	0.33	1.87	0.20	0.44	11	0.01	-	-	SC	®	-	-	-	-	-
Finelight™ (grilles-between-the-glass)		AND-N-1-00511-00001	0.34	1.93	0.20	0.44	9	0.01	-	-	SC	®	-	-	-	-	-	
Low-E4® PassiveSun™	No Grilles	AND-N-1-00493-00001	0.34	1.93	0.52	0.59	28	0.01	-	-	-	-	-	A	B	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00493-00002	0.34	1.93	0.48	0.54	25	0.01	-	-	-	-	-	A	B	-	-	
	Full Divided Lite (FDL)	AND-N-1-00500-00001	0.35	1.99	0.48	0.54	24	0.01	-	-	-	-	-	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-1-00507-00001	0.35	1.99	0.48	0.54	24	0.01	-	-	-	-	-	A	-	-	-	
<b>3.1 Annealed, 3.1 or Tempered Glass - w/ Grilles 1" or Greater</b>																		
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00494-00003	0.33	1.87	0.27	0.44	15	0.01	-	-	SC	S	-	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-1-00762-00001	0.33	1.87	0.27	0.44	15	0.01	-	-	SC	S	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010					
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
400 Series Casement Window (w/ Capillary Breather Tubes)	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00496-00003	0.33	1.87	0.17	0.25	9	0.01	-	-	SC	U.S.	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-1-00763-00001	0.34	1.93	0.17	0.25	7	0.01	-	-	SC	U.S.	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00497-00003	0.32	1.82	0.18	0.40	10	0.01	-	NC	SC	U.S.	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-1-00764-00001	0.33	1.87	0.18	0.40	9	0.01	-	-	SC	U.S.	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00493-00003	0.34	1.93	0.43	0.49	22	0.01	-	-	-	-	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-1-00761-00001	0.34	1.93	0.43	0.49	22	0.01	-	-	-	-	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
	Low-E4®	No Grilles	AND-N-1-00578-00001	0.33	1.87	0.32	0.54	17	0.01	-	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00578-00002	0.33	1.87	0.29	0.49	16	0.01	-	-	SC	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00584-00001	0.34	1.93	0.29	0.49	14	0.01	-	-	SC	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00590-00001	0.34	1.93	0.29	0.49	14	0.01	-	-	SC	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-1-00580-00001	0.33	1.87	0.20	0.30	11	0.01	-	-	SC	U.S.	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00580-00002	0.33	1.87	0.19	0.27	10	0.01	-	-	SC	U.S.	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00586-00001	0.34	1.93	0.19	0.27	9	0.01	-	-	SC	U.S.	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00592-00001	0.34	1.93	0.19	0.27	9	0.01	-	-	SC	U.S.	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-1-00581-00001	0.32	1.82	0.21	0.48	12	0.01	-	NC	SC	U.S.	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00581-00002	0.32	1.82	0.20	0.44	12	0.01	-	NC	SC	U.S.	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00587-00001	0.33	1.87	0.20	0.44	11	0.01	-	-	SC	U.S.	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00593-00001	0.34	1.93	0.20	0.44	9	0.01	-	-	SC	U.S.	-	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-1-00577-00001	0.34	1.93	0.52	0.59	28	0.01	-	-	-	-	A	B	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00577-00002	0.34	1.93	0.48	0.54	25	0.01	-	-	-	-	A	B	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00583-00001	0.35	1.99	0.48	0.54	24	0.01	-	-	-	-	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00589-00001	0.35	1.99	0.48	0.54	24	0.01	-	-	-	-	A	-	-	-	-
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00578-00003	0.33	1.87	0.27	0.44	15	0.01	-	-	SC	U.S.	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00786-00001	0.33	1.87	0.27	0.44	15	0.01	-	-	SC	U.S.	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00580-00003	0.33	1.87	0.17	0.25	9	0.01	-	-	SC	U.S.	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00787-00001	0.34	1.93	0.17	0.25	7	0.01	-	-	SC	U.S.	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00581-00003	0.32	1.82	0.18	0.40	10	0.01	-	NC	SC	U.S.	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00788-00001	0.33	1.87	0.18	0.40	9	0.01	-	-	SC	U.S.	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00577-00003	0.34	1.93	0.43	0.49	22	0.01	-	-	-	-	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00785-00001	0.34	1.93	0.41	0.49	21	0.01	-	-	-	-	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
	Low-E4®	No Grilles	AND-N-1-00596-00001	0.35	1.99	0.32	0.53	15	0.01	-	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00596-00002	0.35	1.99	0.29	0.49	13	0.01	-	-	SC	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00602-00001	0.36	2.04	0.29	0.49	12	0.01	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00608-00001	0.36	2.04	0.29	0.49	12	0.01	-	-	-	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-1-00598-00001	0.36	2.04	0.20	0.29	7	0.01	-	-	-	-	U.S.	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00598-00002	0.36	2.04	0.19	0.26	6	0.01	-	-	-	-	U.S.	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00604-00001	0.36	2.04	0.19	0.26	6	0.01	-	-	-	-	U.S.	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00610-00001	0.37	2.10	0.19	0.26	5	0.01	-	-	-	-	U.S.	-	-	-	-
Low-E4® SmartSun™	No Grilles	AND-N-1-00599-00001	0.35	1.99	0.22	0.48	9	0.01	-	-	SC	U.S.	-	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00599-00002	0.35	1.99	0.20	0.44	8	0.01	-	-	SC	U.S.	-	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-1-00605-00001	0.35	1.99	0.20	0.44	8	0.01	-	-	SC	U.S.	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-1-00611-00001	0.36	2.04	0.20	0.44	7	0.01	-	-	-	U.S.	-	-	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Casement Window (w/ Capillary Breather Tubes)	Low-E4® PassiveSun™	No Grilles	AND-N-1-00595-00001	0.37	2.10	0.48	0.59	22	0.01	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00595-00002	0.37	2.10	0.44	0.53	19	0.01	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00601-00001	0.37	2.10	0.44	0.53	19	0.01	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-1-00607-00001	0.38	2.16	0.44	0.53	18	0.01	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00599-00003	0.35	1.99	0.27	0.44	12	0.01	-	-	SC	0.6	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00791-00001	0.36	2.04	0.27	0.44	11	0.01	-	-	-	0.6	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00598-00003	0.36	2.04	0.17	0.24	5	0.01	-	-	-	0.6	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00792-00001	0.36	2.04	0.17	0.24	5	0.01	-	-	-	0.6	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00599-00003	0.35	1.99	0.18	0.39	7	0.01	-	-	SC	0.6	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00793-00001	0.35	1.99	0.18	0.39	7	0.01	-	-	SC	0.6	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-1-00595-00003	0.37	2.10	0.40	0.48	17	0.01	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-1-00790-00001	0.36	2.04	0.40	0.48	18	0.01	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										N	NC	SC	S	A	B	C	D
400 Series Awning Window	<b>2.2 Annealed Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-2-00582-00001	0.28	1.59	0.31	0.53	23	0.01	N	NC	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00582-00002	0.28	1.59	0.29	0.49	22	0.01	N	NC	SC	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-2-00589-00001	0.29	1.65	0.29	0.49	21	0.01	N	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00596-00001	0.28	1.59	0.29	0.49	22	0.01	N	NC	SC	-	A	B	-	-
	Low-E4® Sun	No Grilles	AND-N-2-00584-00001	0.28	1.59	0.19	0.30	16	0.01	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00584-00002	0.28	1.59	0.18	0.27	15	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-2-00591-00001	0.29	1.65	0.18	0.27	14	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00598-00001	0.28	1.59	0.18	0.27	15	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-2-00585-00001	0.27	1.53	0.21	0.48	19	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00585-00002	0.27	1.53	0.19	0.44	17	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-2-00592-00001	0.28	1.59	0.19	0.44	16	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00599-00001	0.27	1.53	0.19	0.44	17	0.01	N	NC	SC	S	A	B	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-2-00581-00001	0.30	1.70	0.53	0.59	33	0.01	N	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00581-00002	0.30	1.70	0.48	0.53	30	0.01	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-2-00588-00001	0.31	1.76	0.48	0.53	29	0.01	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00595-00001	0.30	1.70	0.48	0.53	30	0.01	N	-	-	-	A	B	C	-
	<b>2.2 Annealed Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00582-00003	0.28	1.59	0.26	0.44	20	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00584-00003	0.28	1.59	0.16	0.24	14	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00585-00003	0.27	1.53	0.17	0.39	16	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00581-00003	0.30	1.70	0.44	0.48	28	0.01	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-2-00603-00001	0.29	1.65	0.31	0.53	22	0.01	N	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00603-00002	0.29	1.65	0.28	0.48	20	0.01	N	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-2-00610-00001	0.29	1.65	0.28	0.48	20	0.01	N	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00617-00001	0.29	1.65	0.28	0.48	20	0.01	N	NC	SC	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-2-00605-00001	0.29	1.65	0.19	0.29	15	0.01	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00605-00002	0.29	1.65	0.18	0.27	14	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-2-00612-00001	0.30	1.70	0.18	0.27	13	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00619-00001	0.30	1.70	0.18	0.27	13	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-2-00606-00001	0.28	1.59	0.21	0.48	17	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00606-00002	0.28	1.59	0.19	0.43	16	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-2-00613-00001	0.29	1.65	0.19	0.43	15	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00620-00001	0.29	1.65	0.19	0.43	15	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-2-00602-00001	0.31	1.76	0.52	0.58	31	0.01	N	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00602-00002	0.31	1.76	0.47	0.53	29	0.01	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-2-00609-00001	0.31	1.76	0.47	0.53	29	0.01	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00616-00001	0.31	1.76	0.47	0.53	29	0.01	N	-	-	-	A	B	C	-
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00603-00003	0.29	1.65	0.26	0.43	19	0.01	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	



Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
										N	NC	SC	S	A	B	C	D	
400 Series Awning Window	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00605-00003	0.29	1.65	0.16	0.24	13	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00606-00003	0.28	1.59	0.17	0.39	15	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00602-00003	0.31	1.76	0.43	0.48	26	0.01	N	-	-	-	A	B	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
	Low-E4®	No Grilles	AND-N-2-00687-00001	0.29	1.65	0.31	0.53	22	0.01	N	NC	SC	-	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00687-00002	0.29	1.65	0.28	0.48	20	0.01	N	NC	SC	-	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-2-00693-00001	0.29	1.65	0.28	0.48	20	0.01	N	NC	SC	-	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00699-00001	0.29	1.65	0.28	0.48	20	0.01	N	NC	SC	-	A	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-2-00689-00001	0.29	1.65	0.19	0.29	15	0.01	N	NC	SC	S	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00689-00002	0.29	1.65	0.18	0.27	14	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-2-00695-00001	0.30	1.70	0.18	0.27	13	0.01	N	NC	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00701-00001	0.30	1.70	0.18	0.27	13	0.01	N	NC	SC	S	A	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-2-00690-00001	0.28	1.59	0.21	0.48	17	0.01	N	NC	SC	S	A	B	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00690-00002	0.28	1.59	0.19	0.43	16	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-2-00696-00001	0.29	1.65	0.19	0.43	15	0.01	N	NC	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00702-00001	0.29	1.65	0.19	0.43	15	0.01	N	NC	SC	S	A	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-2-00686-00001	0.31	1.76	0.52	0.58	31	0.01	N	-	-	-	A	B	C	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00686-00002	0.31	1.76	0.47	0.53	29	0.01	N	-	-	-	A	B	C	-	-
		Full Divided Lite (FDL)	AND-N-2-00692-00001	0.31	1.76	0.47	0.53	29	0.01	N	-	-	-	A	B	C	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00698-00001	0.31	1.76	0.47	0.53	29	0.01	N	-	-	-	A	B	C	-	-
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00687-00003	0.29	1.65	0.26	0.43	19	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00689-00003	0.29	1.65	0.16	0.24	13	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00690-00003	0.28	1.59	0.17	0.39	15	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00686-00003	0.31	1.76	0.43	0.48	26	0.01	N	-	-	-	A	B	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
	Low-E4®	No Grilles	AND-N-2-00705-00001	0.31	1.76	0.31	0.52	19	0.01	-	NC	-	-	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00705-00002	0.31	1.76	0.28	0.48	18	0.01	-	NC	SC	-	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-2-00711-00001	0.31	1.76	0.28	0.48	18	0.01	-	NC	SC	-	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00717-00001	0.31	1.76	0.28	0.48	18	0.01	-	NC	SC	-	A	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-2-00707-00001	0.31	1.76	0.19	0.29	12	0.01	-	NC	SC	S	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00707-00002	0.31	1.76	0.18	0.26	12	0.01	-	NC	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-2-00713-00001	0.31	1.76	0.18	0.26	12	0.01	-	NC	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00719-00001	0.32	1.82	0.18	0.26	10	0.01	-	NC	SC	S	-	-	-	-	-
Low-E4® SmartSun™	No Grilles	AND-N-2-00708-00001	0.30	1.70	0.21	0.47	15	0.01	N	NC	SC	S	A	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00708-00002	0.30	1.70	0.19	0.43	14	0.01	-	NC	SC	S	A	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-2-00714-00001	0.31	1.76	0.19	0.43	12	0.01	-	NC	SC	S	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-2-00720-00001	0.31	1.76	0.19	0.43	12	0.01	-	NC	SC	S	-	-	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Awning Window	Low-E4® PassiveSun™	No Grilles	AND-N-2-00704-00001	0.33	1.87	0.47	0.58	26	0.01	-	-	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00704-00002	0.33	1.87	0.43	0.52	24	0.01	-	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-2-00710-00001	0.33	1.87	0.43	0.52	24	0.01	-	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00716-00001	0.33	1.87	0.43	0.52	24	0.01	-	-	-	-	A	-	-	-
	3.9 Pattern Glass - w/ Grilles 1" or Greater																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00705-00003	0.31	1.76	0.26	0.43	16	0.01	-	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00707-00003	0.31	1.76	0.16	0.23	11	0.01	-	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00708-00003	0.30	1.70	0.18	0.39	13	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00704-00003	0.33	1.87	0.39	0.47	21	0.01	-	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Awning Window (w/ Capillary Breather Tubes)	<b>2.2 Annealed Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-2-00441-00001	0.32	1.82	0.31	0.53	18	0.01	-	NC	-	-	A	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00441-00002	0.32	1.82	0.29	0.49	17	0.01	-	NC	SC	-	A	-	-	
		Full Divided Lite (FDL)	AND-N-2-00448-00001	0.32	1.82	0.29	0.49	17	0.01	-	NC	SC	-	A	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-2-00455-00001	0.32	1.82	0.29	0.49	17	0.01	-	NC	SC	-	A	-	-	
	Low-E4® Sun	No Grilles	AND-N-2-00443-00001	0.32	1.82	0.20	0.30	12	0.01	-	NC	SC	S	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00443-00002	0.32	1.82	0.18	0.27	10	0.01	-	NC	SC	S	-	-	-	
		Full Divided Lite (FDL)	AND-N-2-00450-00001	0.33	1.87	0.18	0.27	9	0.01	-	-	SC	S	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-2-00457-00001	0.32	1.82	0.18	0.27	10	0.01	-	NC	SC	S	-	-	-	
	Low-E4® SmartSun™	No Grilles	AND-N-2-00444-00001	0.31	1.76	0.21	0.48	13	0.01	-	NC	SC	S	A	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00444-00002	0.31	1.76	0.19	0.44	12	0.01	-	NC	SC	S	-	-	-	
		Full Divided Lite (FDL)	AND-N-2-00451-00001	0.32	1.82	0.19	0.44	11	0.01	-	NC	SC	S	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-2-00458-00001	0.31	1.76	0.19	0.44	12	0.01	-	NC	SC	S	-	-	-	
	Low-E4® PassiveSun™	No Grilles	AND-N-2-00440-00001	0.33	1.87	0.52	0.59	29	0.01	-	-	-	-	A	B	C	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00440-00002	0.33	1.87	0.48	0.53	27	0.01	-	-	-	-	A	B	-	
		Full Divided Lite (FDL)	AND-N-2-00447-00001	0.34	1.93	0.48	0.53	25	0.01	-	-	-	-	A	B	-	
		Finelight™ (grilles-between-the-glass)	AND-N-2-00454-00001	0.33	1.87	0.48	0.53	27	0.01	-	-	-	-	A	B	-	
	<b>2.2 Annealed Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00441-00003	0.32	1.82	0.26	0.44	15	0.01	-	NC	SC	S	A	-	-	
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
		Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00443-00003	0.32	1.82	0.17	0.24	10	0.01	-	NC	SC	S	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Low-E4® SmartSun™		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00444-00003	0.31	1.76	0.18	0.39	12	0.01	-	NC	SC	S	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
		Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00440-00003	0.33	1.87	0.43	0.48	24	0.01	-	-	-	-	A	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-2-00462-00001	0.33	1.87	0.31	0.53	17	0.01	-	-	-	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00462-00002	0.33	1.87	0.29	0.48	16	0.01	-	-	SC	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-2-00469-00001	0.33	1.87	0.29	0.48	16	0.01	-	-	SC	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-2-00476-00001	0.34	1.93	0.29	0.48	14	0.01	-	-	SC	-	-	-	-	
	Low-E4® Sun	No Grilles	AND-N-2-00464-00001	0.33	1.87	0.20	0.29	11	0.01	-	-	SC	S	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00464-00002	0.33	1.87	0.18	0.27	9	0.01	-	-	SC	S	-	-	-	
		Full Divided Lite (FDL)	AND-N-2-00471-00001	0.34	1.93	0.18	0.27	8	0.01	-	-	SC	S	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-2-00478-00001	0.34	1.93	0.18	0.27	8	0.01	-	-	SC	S	-	-	-	
	Low-E4® SmartSun™	No Grilles	AND-N-2-00465-00001	0.32	1.82	0.21	0.48	12	0.01	-	NC	SC	S	-	-	-	
Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-2-00465-00002	0.32	1.82	0.19	0.43	11	0.01	-	NC	SC	S	-	-	-		
Full Divided Lite (FDL)		AND-N-2-00472-00001	0.33	1.87	0.19	0.43	10	0.01	-	-	SC	S	-	-	-		
Finelight™ (grilles-between-the-glass)		AND-N-2-00479-00001	0.33	1.87	0.19	0.43	10	0.01	-	-	SC	S	-	-	-		
Low-E4® PassiveSun™	No Grilles	AND-N-2-00461-00001	0.35	1.99	0.51	0.58	26	0.01	-	-	-	-	A	B	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00461-00002	0.35	1.99	0.47	0.53	23	0.01	-	-	-	-	A	-	-		
	Full Divided Lite (FDL)	AND-N-2-00468-00001	0.35	1.99	0.47	0.53	23	0.01	-	-	-	-	A	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-2-00475-00001	0.35	1.99	0.47	0.53	23	0.01	-	-	-	-	A	-	-		
<b>3.1 Annealed, 3.1 or Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00462-00003	0.33	1.87	0.26	0.43	14	0.01	-	-	SC	S	-	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010					
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
										-	-	-	-	-	-	-	-	
400 Series Awning Window (w/ Capillary Breather Tubes)	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00464-00003	0.33	1.87	0.17	0.24	9	0.01	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00465-00003	0.32	1.82	0.18	0.39	10	0.01	-	NC	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00461-00003	0.35	1.99	0.43	0.48	21	0.01	-	-	-	-	A	-	-	-	
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
	Low-E4®	No Grilles	AND-N-2-00546-00001	0.33	1.87	0.31	0.53	17	0.01	-	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00546-00002	0.33	1.87	0.29	0.48	16	0.01	-	-	SC	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-2-00552-00001	0.33	1.87	0.29	0.48	16	0.01	-	-	SC	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00558-00001	0.34	1.93	0.29	0.48	14	0.01	-	-	SC	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-2-00548-00001	0.33	1.87	0.20	0.29	11	0.01	-	-	SC	S	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00548-00002	0.33	1.87	0.18	0.27	9	0.01	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-2-00554-00001	0.34	1.93	0.18	0.27	8	0.01	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00560-00001	0.34	1.93	0.18	0.27	8	0.01	-	-	SC	S	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-2-00549-00001	0.32	1.82	0.21	0.48	12	0.01	-	NC	SC	S	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00549-00002	0.32	1.82	0.19	0.43	11	0.01	-	NC	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-2-00555-00001	0.33	1.87	0.19	0.43	10	0.01	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00561-00001	0.33	1.87	0.19	0.43	10	0.01	-	-	SC	S	-	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-2-00545-00001	0.35	1.99	0.51	0.58	26	0.01	-	-	-	-	A	B	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00545-00002	0.35	1.99	0.47	0.53	23	0.01	-	-	-	-	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-2-00551-00001	0.35	1.99	0.47	0.53	23	0.01	-	-	-	-	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00557-00001	0.35	1.99	0.47	0.53	23	0.01	-	-	-	-	A	-	-	-	-
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00546-00003	0.33	1.87	0.26	0.43	14	0.01	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00548-00003	0.33	1.87	0.17	0.24	9	0.01	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00549-00003	0.32	1.82	0.18	0.39	10	0.01	-	NC	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00545-00003	0.35	1.99	0.43	0.48	21	0.01	-	-	-	-	A	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
	Low-E4®	No Grilles	AND-N-2-00564-00001	0.36	2.04	0.31	0.52	13	0.01	-	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00564-00002	0.36	2.04	0.29	0.48	12	0.01	-	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-2-00570-00001	0.36	2.04	0.29	0.48	12	0.01	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00576-00001	0.36	2.04	0.29	0.48	12	0.01	-	-	-	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-2-00566-00001	0.36	2.04	0.20	0.29	7	0.01	-	-	-	-	S	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00566-00002	0.36	2.04	0.18	0.26	6	0.01	-	-	-	-	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-2-00572-00001	0.36	2.04	0.18	0.26	6	0.01	-	-	-	-	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00578-00001	0.36	2.04	0.18	0.26	6	0.01	-	-	-	-	S	-	-	-	-
Low-E4® SmartSun™	No Grilles	AND-N-2-00567-00001	0.35	1.99	0.21	0.47	8	0.01	-	-	SC	S	-	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00567-00002	0.35	1.99	0.20	0.43	8	0.01	-	-	SC	S	-	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-2-00573-00001	0.35	1.99	0.20	0.43	8	0.01	-	-	SC	S	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-2-00579-00001	0.36	2.04	0.20	0.43	7	0.01	-	-	-	S	-	-	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										-	-	-	-	-	-	-	-
400 Series Awning Window (w/ Capillary Breather Tubes)	Low-E4® PassiveSun™	No Grilles	AND-N-2-00563-00001	0.37	2.10	0.47	0.58	21	0.01	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00563-00002	0.37	2.10	0.43	0.52	19	0.01	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-2-00569-00001	0.37	2.10	0.43	0.52	19	0.01	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-2-00575-00001	0.37	2.10	0.43	0.52	19	0.01	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00564-00003	0.36	2.04	0.26	0.43	10	0.01	-	-	-	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00566-00003	0.36	2.04	0.17	0.23	5	0.01	-	-	-	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00567-00003	0.35	1.99	0.18	0.39	7	0.01	-	-	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-2-00563-00003	0.37	2.10	0.39	0.47	16	0.01	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor1	U-Factor1 Metric	SHGC2	VT3	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Elliptical Window	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-16-00665-00001	0.27	1.53	0.34	0.59	26	0.01	N	NC	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00665-00002	0.27	1.53	0.31	0.53	24	0.01	N	NC	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-16-00672-00001	0.29	1.65	0.31	0.53	22	0.01	N	NC	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-16-00667-00001	0.28	1.59	0.21	0.33	17	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00667-00002	0.28	1.59	0.19	0.29	16	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-16-00674-00001	0.29	1.65	0.19	0.29	15	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-16-00668-00001	0.26	1.48	0.23	0.53	21	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00668-00002	0.26	1.48	0.20	0.48	19	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-16-00675-00001	0.28	1.59	0.20	0.48	17	0.01	N	NC	SC	S	A	B	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-16-00664-00001	0.29	1.65	0.57	0.65	37	0.01	N	-	-	-	A	B	C	D
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00664-00002	0.29	1.65	0.52	0.58	34	0.01	N	-	-	-	A	B	C	D
		Full Divided Lite (FDL)	AND-N-16-00671-00001	0.31	1.76	0.52	0.58	31	0.01	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00665-00003	0.27	1.53	0.28	0.47	23	0.01	N	NC	SC	-	A	B	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-16-00679-00001	0.29	1.65	0.31	0.53	22	0.01	N	NC	-	-	A	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00667-00003	0.28	1.59	0.17	0.26	15	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-16-00681-00001	0.29	1.65	0.19	0.29	15	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00668-00003	0.26	1.48	0.19	0.42	18	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-16-00682-00001	0.28	1.59	0.20	0.48	17	0.01	N	NC	SC	S	A	B	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00664-00003	0.29	1.65	0.46	0.52	30	0.01	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-16-00678-00001	0.30	1.70	0.52	0.58	33	0.01	N	-	-	-	A	B	C	-
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-16-00728-00001	0.27	1.53	0.34	0.59	26	0.01	N	NC	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00728-00002	0.27	1.53	0.31	0.53	24	0.01	N	NC	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-16-00734-00001	0.29	1.65	0.31	0.53	22	0.01	N	NC	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-16-00730-00001	0.28	1.59	0.21	0.33	17	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00730-00002	0.28	1.59	0.19	0.29	16	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-16-00736-00001	0.29	1.65	0.19	0.29	15	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-16-00731-00001	0.26	1.48	0.23	0.53	21	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00731-00002	0.26	1.48	0.20	0.48	19	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-16-00737-00001	0.28	1.59	0.20	0.48	17	0.01	N	NC	SC	S	A	B	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-16-00727-00001	0.29	1.65	0.54	0.65	35	0.01	N	-	-	-	A	B	C	D
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00727-00002	0.29	1.65	0.48	0.58	31	0.01	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-16-00733-00001	0.31	1.76	0.48	0.58	29	0.01	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00728-00003	0.27	1.53	0.28	0.47	23	0.01	N	NC	SC	-	A	B	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-16-00740-00001	0.29	1.65	0.31	0.53	22	0.01	N	NC	-	-	A	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor1	U-Factor1 Metric	SHGC2	VT3	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Elliptical Window	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00730-00003	0.28	1.59	0.17	0.26	15	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-16-00742-00001	0.29	1.65	0.19	0.29	15	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00731-00003	0.26	1.48	0.19	0.42	18	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-16-00743-00001	0.28	1.59	0.20	0.48	17	0.01	N	NC	SC	S	A	B	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00727-00003	0.29	1.65	0.43	0.52	29	0.01	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-16-00739-00001	0.31	1.76	0.48	0.58	29	0.01	N	-	-	-	A	B	C	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor1	U-Factor1 Metric	SHGC2	VT3	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-16-00584-00001	0.31	1.76	0.34	0.59	21	0.01	-	NC	-	-	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00584-00002	0.31	1.76	0.31	0.53	19	0.01	-	NC	-	-	A	-	-		
	Full Divided Lite (FDL)	AND-N-16-00591-00001	0.33	1.87	0.31	0.53	17	0.01	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® Sun	No Grilles	AND-N-16-00586-00001	0.31	1.76	0.21	0.33	13	0.01	-	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00586-00002	0.31	1.76	0.19	0.29	12	0.01	-	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-16-00593-00001	0.33	1.87	0.19	0.29	10	0.01	-	-	SC	S	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® SmartSun™	No Grilles	AND-N-16-00587-00001	0.30	1.70	0.23	0.53	16	0.01	N	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00587-00002	0.30	1.70	0.21	0.48	15	0.01	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-16-00594-00001	0.32	1.82	0.21	0.48	12	0.01	-	NC	SC	S	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® PassiveSun™	No Grilles	AND-N-16-00583-00001	0.33	1.87	0.57	0.65	32	0.01	-	-	-	-	A	B	C		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00583-00002	0.33	1.87	0.52	0.58	29	0.01	-	-	-	-	A	B	C		
	Full Divided Lite (FDL)	AND-N-16-00590-00001	0.34	1.93	0.52	0.58	28	0.01	-	-	-	-	A	B	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
<b>3.1 Annealed, 3.1 or Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00584-00003	0.31	1.76	0.28	0.47	18	0.01	-	NC	SC	-	A	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-16-00598-00001	0.33	1.87	0.31	0.53	17	0.01	-	-	-	-	-	-	-		
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00586-00003	0.31	1.76	0.18	0.26	12	0.01	-	NC	SC	S	-	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-16-00600-00001	0.33	1.87	0.19	0.29	10	0.01	-	-	SC	S	-	-	-		
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00587-00003	0.30	1.70	0.19	0.42	14	0.01	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-16-00601-00001	0.32	1.82	0.21	0.48	12	0.01	-	NC	SC	S	-	-	-		
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00583-00003	0.33	1.87	0.46	0.52	26	0.01	-	-	-	-	A	B	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-16-00597-00001	0.34	1.93	0.52	0.58	28	0.01	-	-	-	-	A	B	-		
<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
Low-E4®	No Grilles	AND-N-16-00647-00001	0.31	1.76	0.34	0.59	21	0.01	-	NC	-	-	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00647-00002	0.31	1.76	0.31	0.53	19	0.01	-	NC	-	-	A	-	-		
	Full Divided Lite (FDL)	AND-N-16-00653-00001	0.33	1.87	0.31	0.53	17	0.01	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® Sun	No Grilles	AND-N-16-00649-00001	0.31	1.76	0.21	0.33	13	0.01	-	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00649-00002	0.31	1.76	0.19	0.29	12	0.01	-	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-16-00655-00001	0.33	1.87	0.19	0.29	10	0.01	-	-	SC	S	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® SmartSun™	No Grilles	AND-N-16-00650-00001	0.30	1.70	0.23	0.53	16	0.01	N	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00650-00002	0.30	1.70	0.21	0.48	15	0.01	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-16-00656-00001	0.32	1.82	0.21	0.48	12	0.01	-	NC	SC	S	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® PassiveSun™	No Grilles	AND-N-16-00646-00001	0.33	1.87	0.54	0.65	30	0.01	-	-	-	-	A	B	C		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00646-00002	0.33	1.87	0.48	0.58	27	0.01	-	-	-	-	A	B	-		
	Full Divided Lite (FDL)	AND-N-16-00652-00001	0.34	1.93	0.48	0.58	25	0.01	-	-	-	-	A	B	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00647-00003	0.31	1.76	0.28	0.47	18	0.01	-	NC	SC	-	A	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-16-00659-00001	0.33	1.87	0.31	0.53	17	0.01	-	-	-	-	-	-	-		



Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor1	U-Factor1 Metric	SHGC2	VT3	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Elliptical Window (w/ Capillary Breather Tubes)	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00649-00003	0.31	1.76	0.18	0.26	12	0.01	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-16-00661-00001	0.33	1.87	0.19	0.29	10	0.01	-	-	SC	S	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00650-00003	0.30	1.70	0.19	0.42	14	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-16-00662-00001	0.32	1.82	0.21	0.48	12	0.01	-	NC	SC	S	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-16-00646-00003	0.33	1.87	0.43	0.52	24	0.01	-	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-16-00658-00001	0.34	1.93	0.48	0.58	25	0.01	-	-	-	-	A	B	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor1	U-Factor1 Metric	SHGC2	VT3	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
										N	NC	SC	S	A	B	C	D	
400 Series Flexiframe® Window	5.7 Annealed, or 5.7 Tempered Glass - w/ No Grilles and Grilles Less Than 1"																	
	Low-E4®	No Grilles	AND-N-17-00684-00001	0.27	1.53	0.33	0.58	25	0.01	N	NC	-	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-17-00691-00001	0.27	1.53	0.30	0.52	24	0.01	N	NC	SC	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-17-00698-00001	0.28	1.59	0.30	0.52	22	0.01	N	NC	SC	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-17-00686-00001	0.27	1.53	0.20	0.31	18	0.01	N	NC	SC	S	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-17-00693-00001	0.27	1.53	0.18	0.28	17	0.01	N	NC	SC	S	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-17-00700-00001	0.29	1.65	0.18	0.28	14	0.01	N	NC	SC	S	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-17-00687-00001	0.26	1.48	0.23	0.52	21	0.01	N	NC	SC	S	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-17-00694-00001	0.26	1.48	0.21	0.46	20	0.01	N	NC	SC	S	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-17-00701-00001	0.28	1.59	0.21	0.46	17	0.01	N	NC	SC	S	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-17-00683-00001	0.29	1.65	0.50	0.63	33	0.01	N	-	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-17-00690-00001	0.29	1.65	0.45	0.57	30	0.01	N	-	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-17-00697-00001	0.30	1.70	0.45	0.57	29	0.01	N	-	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	5.7 Annealed, or 5.7 Tempered Glass - w/ Grilles 1" or Greater																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-17-00691-00002	0.27	1.53	0.27	0.46	22	0.01	N	NC	SC	S	-	A	B	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-17-00705-00001	0.28	1.59	0.30	0.52	22	0.01	N	NC	SC	-	-	A	B	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-17-00693-00002	0.27	1.53	0.17	0.25	16	0.01	N	NC	SC	S	-	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-17-00707-00001	0.29	1.65	0.18	0.28	14	0.01	N	NC	SC	S	-	A	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-17-00694-00002	0.26	1.48	0.19	0.41	18	0.01	N	NC	SC	S	-	A	B	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-17-00708-00001	0.28	1.59	0.21	0.46	17	0.01	N	NC	SC	S	-	A	B	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-17-00690-00002	0.29	1.65	0.41	0.50	27	0.01	N	-	-	-	-	A	B	-	-
Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-	
Finelight™ (grilles-between-the-glass)		AND-N-17-00704-00001	0.30	1.70	0.45	0.57	29	0.01	N	-	-	-	-	A	B	C	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor1	U-Factor1 Metric	SHGC2	VT3	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C
400 Series Flexiframe® Window (w/ Capillary Breather Tubes)	<b>5.7 Annealed, or 5.7 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>															
	Low-E4®	No Grilles	AND-N-17-00576-00001	0.31	1.76	0.33	0.58	20	0.01	-	NC	-	-	A	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-17-00583-00001	0.31	1.76	0.30	0.52	19	0.01	-	NC	SC	-	A	-	-
		Full Divided Lite (FDL)	AND-N-17-00590-00001	0.32	1.82	0.30	0.52	17	0.01	-	NC	SC	-	A	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-17-00578-00001	0.31	1.76	0.21	0.31	13	0.01	-	NC	SC	S	A	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-17-00585-00001	0.31	1.76	0.19	0.28	12	0.01	-	NC	SC	S	A	-	-
		Full Divided Lite (FDL)	AND-N-17-00592-00001	0.33	1.87	0.19	0.28	10	0.01	-	-	SC	S	A	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-17-00579-00001	0.30	1.70	0.23	0.52	16	0.01	N	NC	SC	S	A	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-17-00586-00001	0.30	1.70	0.21	0.46	15	0.01	N	NC	SC	S	A	-	-
		Full Divided Lite (FDL)	AND-N-17-00593-00001	0.32	1.82	0.21	0.46	12	0.01	-	NC	SC	S	A	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-17-00575-00001	0.32	1.82	0.50	0.63	29	0.01	N	-	-	-	A	B	C
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-17-00582-00001	0.32	1.82	0.45	0.57	26	0.01	N	-	-	-	A	B	-
		Full Divided Lite (FDL)	AND-N-17-00589-00001	0.34	1.93	0.45	0.57	24	0.01	-	-	-	-	A	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	<b>5.7 Annealed, 5.7 or Tempered Glass - w/ Grilles 1" or Greater</b>															
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-17-00583-00002	0.31	1.76	0.27	0.46	17	0.01	-	NC	SC	S	A	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-17-00597-00001	0.32	1.82	0.30	0.52	17	0.01	-	NC	SC	-	A	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-17-00585-00002	0.31	1.76	0.17	0.25	11	0.01	-	NC	SC	S	A	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-17-00599-00001	0.33	1.87	0.19	0.28	10	0.01	-	-	SC	S	A	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-17-00586-00002	0.30	1.70	0.19	0.41	14	0.01	N	NC	SC	S	A	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-17-00600-00001	0.32	1.82	0.21	0.46	12	0.01	-	NC	SC	S	A	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-17-00582-00002	0.32	1.82	0.41	0.50	24	0.01	N	-	-	-	A	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-17-00596-00001	0.34	1.93	0.45	0.57	24	0.01	-	-	-	-	A	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
										N	NC	SC	S	A	B	C	D	
400 Series Arch Flexiframe® Window	<b>5.7 Annealed, or 5.7 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
	Low-E4®	No Grilles	AND-N-18-00684-00001	0.28	1.59	0.33	0.58	24	0.01	N	NC	-	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-18-00691-00001	0.28	1.59	0.30	0.52	22	0.01	N	NC	SC	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-18-00698-00001	0.29	1.65	0.30	0.52	21	0.01	N	NC	SC	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-18-00686-00001	0.28	1.59	0.20	0.31	17	0.01	N	NC	SC	S	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-18-00693-00001	0.28	1.59	0.18	0.28	15	0.01	N	NC	SC	S	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-18-00700-00001	0.29	1.65	0.18	0.28	14	0.01	N	NC	SC	S	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-18-00687-00001	0.27	1.53	0.23	0.52	20	0.01	N	NC	SC	S	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-18-00694-00001	0.27	1.53	0.21	0.46	19	0.01	N	NC	SC	S	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-18-00701-00001	0.28	1.59	0.21	0.46	17	0.01	N	NC	SC	S	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-18-00683-00001	0.30	1.70	0.50	0.63	32	0.01	N	-	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-18-00690-00001	0.30	1.70	0.45	0.57	29	0.01	N	-	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-18-00697-00001	0.31	1.76	0.45	0.57	27	0.01	N	-	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	<b>5.7 Annealed, or 5.7 Tempered Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-18-00691-00002	0.28	1.59	0.27	0.46	21	0.01	N	NC	SC	S	-	A	B	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-18-00705-00001	0.29	1.65	0.30	0.52	21	0.01	N	NC	SC	-	-	A	B	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-18-00693-00002	0.28	1.59	0.17	0.25	15	0.01	N	NC	SC	S	-	A	B	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-18-00707-00001	0.29	1.65	0.18	0.28	14	0.01	N	NC	SC	S	-	A	B	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-18-00694-00002	0.27	1.53	0.19	0.41	17	0.01	N	NC	SC	S	-	A	B	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-18-00708-00001	0.28	1.59	0.21	0.46	17	0.01	N	NC	SC	S	-	A	B	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-18-00690-00002	0.30	1.70	0.41	0.50	26	0.01	N	-	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-18-00704-00001	0.31	1.76	0.45	0.57	27	0.01	N	-	-	-	-	A	B	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Zone A	Zone B	Zone C	Zone D
400 Series Arch Flexiframe® Window (w/ Capillary Breather Tubes)	<b>5.7 Annealed, or 5.7 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>															
	Low-E4®	No Grilles	AND-N-18-00576-00001	0.31	1.76	0.34	0.58	21	0.01	-	NC	-	-	A	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-18-00583-00001	0.31	1.76	0.30	0.52	19	0.01	-	NC	SC	-	A	-	-
		Full Divided Lite (FDL)	AND-N-18-00590-00001	0.33	1.87	0.30	0.52	16	0.01	-	-	SC	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-18-00578-00001	0.32	1.82	0.21	0.31	12	0.01	-	NC	SC	S	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-18-00585-00001	0.32	1.82	0.19	0.28	11	0.01	-	NC	SC	S	-	-	-
		Full Divided Lite (FDL)	AND-N-18-00592-00001	0.33	1.87	0.19	0.28	10	0.01	-	-	SC	S	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-18-00579-00001	0.31	1.76	0.23	0.52	15	0.01	-	NC	SC	S	A	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-18-00586-00001	0.31	1.76	0.21	0.46	13	0.01	-	NC	SC	S	A	-	-
		Full Divided Lite (FDL)	AND-N-18-00593-00001	0.32	1.82	0.21	0.46	12	0.01	-	NC	SC	S	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-18-00575-00001	0.33	1.87	0.50	0.63	28	0.01	-	-	-	-	A	B	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-18-00582-00001	0.33	1.87	0.45	0.57	25	0.01	-	-	-	-	A	B	-
		Full Divided Lite (FDL)	AND-N-18-00589-00001	0.34	1.93	0.45	0.57	24	0.01	-	-	-	-	A	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	<b>5.7 Annealed, 5.7 or Tempered Glass - w/ Grilles 1" or Greater</b>															
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-18-00583-00002	0.31	1.76	0.27	0.46	17	0.01	-	NC	SC	S	A	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-18-00597-00001	0.33	1.87	0.30	0.52	16	0.01	-	-	SC	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-18-00585-00002	0.32	1.82	0.17	0.25	10	0.01	-	NC	SC	S	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-18-00599-00001	0.33	1.87	0.19	0.28	10	0.01	-	-	SC	S	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-18-00586-00002	0.31	1.76	0.19	0.41	12	0.01	-	NC	SC	S	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-18-00600-00001	0.32	1.82	0.21	0.46	12	0.01	-	NC	SC	S	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-18-00582-00002	0.33	1.87	0.41	0.50	23	0.01	-	-	-	-	A	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-18-00596-00001	0.34	1.93	0.45	0.57	24	0.01	-	-	-	-	A	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor1	U-Factor1 Metric	SHGC2	VT3	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Zone A	Zone B	Zone C	Zone D	
										NC	SC	S	A	B	C	D	
400 Series Gliding Window	<b>2.2 Annealed Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-19-00477-00001	0.30	1.70	0.29	0.50	18	0.11	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00484-00001	0.30	1.70	0.26	0.44	17	0.11	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00491-00001	0.32	1.82	0.26	0.44	14	0.11	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00498-00001	0.30	1.70	0.26	0.44	17	0.11	N	NC	SC	S	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-19-00479-00001	0.31	1.76	0.18	0.27	11	0.11	-	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00486-00001	0.31	1.76	0.16	0.24	10	0.11	-	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00493-00001	0.32	1.82	0.16	0.24	8	0.11	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00500-00001	0.31	1.76	0.16	0.24	10	0.11	-	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-19-00480-00001	0.30	1.70	0.20	0.45	13	0.11	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00487-00001	0.30	1.70	0.18	0.40	12	0.11	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00494-00001	0.31	1.76	0.18	0.40	11	0.11	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00501-00001	0.30	1.70	0.18	0.40	12	0.11	N	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-19-00476-00001	0.32	1.82	0.46	0.55	26	0.11	N	-	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00483-00001	0.32	1.82	0.41	0.48	23	0.11	N	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00490-00001	0.33	1.87	0.41	0.48	22	0.11	-	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00497-00001	0.32	1.82	0.41	0.48	23	0.11	N	-	-	-	A	-	-	-
	<b>2.2 Annealed Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00484-00002	0.30	1.70	0.24	0.39	16	0.11	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00486-00002	0.31	1.76	0.15	0.21	9	0.11	-	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00487-00002	0.30	1.70	0.16	0.35	11	0.11	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00483-00002	0.32	1.82	0.36	0.42	20	0.11	-	NC	-	-	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-19-00505-00001	0.30	1.70	0.29	0.49	18	0.11	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00512-00001	0.30	1.70	0.26	0.43	17	0.11	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00519-00001	0.31	1.76	0.26	0.43	15	0.11	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00526-00001	0.30	1.70	0.26	0.43	17	0.11	N	NC	SC	S	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-19-00507-00001	0.31	1.76	0.18	0.27	11	0.11	-	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00514-00001	0.31	1.76	0.16	0.24	10	0.11	-	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00521-00001	0.32	1.82	0.16	0.24	8	0.11	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00528-00001	0.31	1.76	0.16	0.24	10	0.11	-	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-19-00508-00001	0.30	1.70	0.20	0.44	13	0.11	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00515-00001	0.30	1.70	0.18	0.39	12	0.11	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00522-00001	0.31	1.76	0.18	0.39	11	0.11	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00529-00001	0.30	1.70	0.18	0.39	12	0.11	N	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-19-00504-00001	0.32	1.82	0.45	0.54	25	0.11	N	-	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00511-00001	0.32	1.82	0.40	0.48	22	0.11	N	NC	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00518-00001	0.33	1.87	0.40	0.48	21	0.11	-	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00525-00001	0.32	1.82	0.40	0.48	22	0.11	N	NC	-	-	A	-	-	-
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00512-00002	0.30	1.70	0.23	0.38	15	0.11	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor1	U-Factor1 Metric	SHGC2	VT3	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										-	NC	SC	S	-	-	-	-
400 Series Gliding Window	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00514-00002	0.31	1.76	0.15	0.21	9	0.11	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00515-00002	0.30	1.70	0.16	0.34	11	0.11	N	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00511-00002	0.32	1.82	0.36	0.42	20	0.11	-	NC	-	-	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-19-00561-00001	0.30	1.70	0.29	0.49	18	0.11	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00567-00001	0.30	1.70	0.26	0.43	17	0.11	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00573-00001	0.31	1.76	0.26	0.43	15	0.11	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00579-00001	0.30	1.70	0.26	0.43	17	0.11	N	NC	SC	S	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-19-00563-00001	0.31	1.76	0.18	0.27	11	0.11	-	NC	SC	S	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00569-00001	0.31	1.76	0.16	0.24	10	0.11	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00575-00001	0.32	1.82	0.16	0.24	8	0.11	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00581-00001	0.31	1.76	0.16	0.24	10	0.11	-	NC	SC	S	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-19-00564-00001	0.30	1.70	0.20	0.44	13	0.11	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00570-00001	0.30	1.70	0.18	0.39	12	0.11	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00576-00001	0.31	1.76	0.18	0.39	11	0.11	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00582-00001	0.30	1.70	0.18	0.39	12	0.11	N	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-19-00560-00001	0.32	1.82	0.45	0.54	25	0.11	N	-	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00566-00001	0.32	1.82	0.40	0.48	22	0.11	N	NC	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00572-00001	0.33	1.87	0.40	0.48	21	0.11	-	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00578-00001	0.32	1.82	0.40	0.48	22	0.11	N	NC	-	-	A	-	-	-
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00567-00002	0.30	1.70	0.23	0.38	15	0.11	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00569-00002	0.31	1.76	0.15	0.21	9	0.11	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00570-00002	0.30	1.70	0.16	0.34	11	0.11	N	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00566-00002	0.32	1.82	0.36	0.42	20	0.11	-	NC	-	-	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-19-00585-00001	0.31	1.76	0.29	0.49	17	0.11	-	NC	SC	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00591-00001	0.31	1.76	0.26	0.43	15	0.11	-	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00597-00001	0.33	1.87	0.26	0.43	13	0.11	-	-	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00603-00001	0.32	1.82	0.26	0.43	14	0.11	-	NC	SC	S	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-19-00587-00001	0.31	1.76	0.18	0.27	11	0.11	-	NC	SC	S	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00593-00001	0.31	1.76	0.16	0.23	10	0.11	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00599-00001	0.33	1.87	0.16	0.23	7	0.11	-	-	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00605-00001	0.32	1.82	0.16	0.23	8	0.11	-	NC	SC	S	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-19-00588-00001	0.31	1.76	0.20	0.44	12	0.11	-	NC	SC	S	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00594-00001	0.31	1.76	0.18	0.39	11	0.11	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00600-00001	0.32	1.82	0.18	0.39	9	0.11	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00606-00001	0.32	1.82	0.18	0.39	9	0.11	-	NC	SC	S	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor1	U-Factor1 Metric	SHGC2	VT3	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010					
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
400 Series Gliding Window	Low-E4® PassiveSun™	No Grilles	AND-N-19-00584-00001	0.33	1.87	0.44	0.54	23	0.11	-	-	-	-	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00590-00001	0.33	1.87	0.39	0.47	20	0.11	-	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00596-00001	0.34	1.93	0.39	0.47	19	0.11	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00602-00001	0.34	1.93	0.39	0.47	19	0.11	-	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00593-00002	0.31	1.76	0.23	0.38	14	0.11	-	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00593-00002	0.31	1.76	0.15	0.21	9	0.11	-	NC	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00594-00002	0.31	1.76	0.16	0.34	10	0.11	-	NC	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00590-00002	0.33	1.87	0.35	0.42	18	0.11	-	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-



Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor1	U-Factor1 Metric	SHGC2	VT3	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
<b>2.2 Annealed Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-19-00345-00001	0.34	1.93	0.30	0.50	14	0.11	-	-	SC	S	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00352-00001	0.34	1.93	0.27	0.44	12	0.11	-	-	SC	S	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-19-00359-00001	0.35	1.99	0.27	0.44	11	0.11	-	-	SC	S	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-19-00366-00001	0.34	1.93	0.27	0.44	12	0.11	-	-	SC	S	-	-	-	-	
Low-E4® Sun	No Grilles	AND-N-19-00347-00001	0.34	1.93	0.19	0.27	8	0.11	-	-	SC	S	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00354-00001	0.34	1.93	0.17	0.24	6	0.11	-	-	SC	S	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-19-00361-00001	0.35	1.99	0.17	0.24	5	0.11	-	-	SC	S	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-19-00368-00001	0.34	1.93	0.17	0.24	6	0.11	-	-	SC	S	-	-	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-19-00348-00001	0.33	1.87	0.20	0.45	9	0.11	-	-	SC	S	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00355-00001	0.33	1.87	0.18	0.40	8	0.11	-	-	SC	S	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-19-00362-00001	0.34	1.93	0.18	0.40	7	0.11	-	-	SC	S	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-19-00369-00001	0.33	1.87	0.18	0.40	8	0.11	-	-	SC	S	-	-	-	-	
Low-E4® PassiveSun™	No Grilles	AND-N-19-00344-00001	0.35	1.99	0.46	0.55	22	0.11	-	-	-	-	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00351-00001	0.35	1.99	0.41	0.48	19	0.11	-	-	-	-	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-19-00358-00001	0.36	2.04	0.41	0.48	18	0.11	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-19-00365-00001	0.35	1.99	0.41	0.48	19	0.11	-	-	-	-	-	-	-	-	
<b>2.2 Annealed Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00352-00002	0.34	1.93	0.24	0.39	10	0.11	-	-	SC	S	-	-	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00354-00002	0.34	1.93	0.15	0.21	5	0.11	-	-	SC	S	-	-	-	-
Low-E4® SmartSun™	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00355-00002	0.33	1.87	0.16	0.35	7	0.11	-	-	SC	S	-	-	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
Low-E4® PassiveSun™	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00351-00002	0.35	1.99	0.36	0.42	16	0.11	-	-	-	-	-	-	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-19-00373-00001	0.34	1.93	0.29	0.49	13	0.11	-	-	SC	S	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00380-00001	0.34	1.93	0.26	0.43	12	0.11	-	-	SC	S	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-19-00387-00001	0.35	1.99	0.26	0.43	10	0.11	-	-	SC	S	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-19-00394-00001	0.34	1.93	0.26	0.43	12	0.11	-	-	SC	S	-	-	-	-	
Low-E4® Sun	No Grilles	AND-N-19-00375-00001	0.34	1.93	0.19	0.27	8	0.11	-	-	SC	S	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00382-00001	0.34	1.93	0.17	0.24	6	0.11	-	-	SC	S	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-19-00389-00001	0.35	1.99	0.17	0.24	5	0.11	-	-	SC	S	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-19-00396-00001	0.34	1.93	0.17	0.24	6	0.11	-	-	SC	S	-	-	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-19-00376-00001	0.33	1.87	0.20	0.44	9	0.11	-	-	SC	S	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00383-00001	0.33	1.87	0.18	0.39	8	0.11	-	-	SC	S	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-19-00390-00001	0.34	1.93	0.18	0.39	7	0.11	-	-	SC	S	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-19-00397-00001	0.33	1.87	0.18	0.39	8	0.11	-	-	SC	S	-	-	-	-	
Low-E4® PassiveSun™	No Grilles	AND-N-19-00372-00001	0.35	1.99	0.45	0.54	21	0.11	-	-	-	-	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00379-00001	0.35	1.99	0.40	0.48	18	0.11	-	-	-	-	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-19-00386-00001	0.36	2.04	0.40	0.48	17	0.11	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-19-00393-00001	0.35	1.99	0.40	0.48	18	0.11	-	-	-	-	-	-	-	-	
<b>3.1 Annealed, 3.1 or Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00380-00002	0.34	1.93	0.24	0.38	10	0.11	-	-	SC	S	-	-	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	

400 Series  
Gliding Window  
(w/ Capillary  
Breather Tubes)

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor1	U-Factor1 Metric	SHGC2	VT3	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										-	-	SC	SB	-	-	-	-
400 Series Gliding Window (w/ Capillary Breather Tubes)	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00382-00002	0.34	1.93	0.15	0.21	5	0.11	-	-	SC	SB	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00383-00002	0.33	1.87	0.16	0.34	7	0.11	-	-	SC	SB	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00379-00002	0.35	1.99	0.36	0.42	16	0.11	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-19-00429-00001	0.34	1.93	0.29	0.49	13	0.11	-	-	SC	SB	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00435-00001	0.34	1.93	0.26	0.43	12	0.11	-	-	SC	SB	-	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00441-00001	0.35	1.99	0.26	0.43	10	0.11	-	-	SC	SB	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00447-00001	0.34	1.93	0.26	0.43	12	0.11	-	-	SC	SB	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-19-00431-00001	0.34	1.93	0.19	0.27	8	0.11	-	-	SC	SB	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00437-00001	0.34	1.93	0.17	0.24	6	0.11	-	-	SC	SB	-	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00443-00001	0.35	1.99	0.17	0.24	5	0.11	-	-	SC	SB	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00449-00001	0.34	1.93	0.17	0.24	6	0.11	-	-	SC	SB	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-19-00432-00001	0.33	1.87	0.20	0.44	9	0.11	-	-	SC	SB	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00438-00001	0.33	1.87	0.18	0.39	8	0.11	-	-	SC	SB	-	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00444-00001	0.34	1.93	0.18	0.39	7	0.11	-	-	SC	SB	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00450-00001	0.33	1.87	0.18	0.39	8	0.11	-	-	SC	SB	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-19-00428-00001	0.35	1.99	0.45	0.54	21	0.11	-	-	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00434-00001	0.35	1.99	0.40	0.48	18	0.11	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00440-00001	0.36	2.04	0.40	0.48	17	0.11	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00446-00001	0.35	1.99	0.40	0.48	18	0.11	-	-	-	-	-	-	-	-
	<b>3.1 Pattern Glass - w/Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00435-00002	0.34	1.93	0.24	0.38	10	0.11	-	-	SC	SB	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00437-00002	0.34	1.93	0.15	0.21	5	0.11	-	-	SC	SB	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00438-00002	0.33	1.87	0.16	0.34	7	0.11	-	-	SC	SB	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00434-00002	0.35	1.99	0.36	0.42	16	0.11	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-19-00453-00001	0.35	1.99	0.29	0.49	12	0.11	-	-	SC	SB	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00459-00001	0.35	1.99	0.26	0.43	10	0.11	-	-	SC	SB	-	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00465-00001	0.37	2.10	0.26	0.43	8	0.11	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00471-00001	0.36	2.04	0.26	0.43	9	0.11	-	-	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-19-00455-00001	0.35	1.99	0.19	0.27	6	0.11	-	-	SC	SB	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00461-00001	0.35	1.99	0.17	0.23	5	0.11	-	-	SC	SB	-	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00467-00001	0.37	2.10	0.17	0.23	3	0.11	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00473-00001	0.36	2.04	0.17	0.23	4	0.11	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-19-00456-00001	0.35	1.99	0.20	0.44	7	0.11	-	-	SC	SB	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00462-00001	0.35	1.99	0.18	0.39	6	0.11	-	-	SC	SB	-	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00468-00001	0.36	2.04	0.18	0.39	5	0.11	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00474-00001	0.36	2.04	0.18	0.39	5	0.11	-	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor1	U-Factor1 Metric	SHGC2	VT3	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010					
										Northern	Central	Southern	Zone A	Zone B	Zone C	Zone D		
										N.	C.	S.	A	B	C	D		
400 Series Gliding Window (w/ Capillary Breather Tubes)	Low-E4® PassiveSun™	No Grilles	AND-N-19-00452-00001	0.36	2.04	0.44	0.54	20	0.11	-	-	-	-	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00458-00001	0.36	2.04	0.39	0.47	17	0.11	-	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-19-00464-00001	0.38	2.16	0.39	0.47	14	0.11	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-19-00470-00001	0.37	2.10	0.39	0.47	15	0.11	-	-	-	-	-	-	-	-	-
	3.9 Pattern Glass - w/Grilles 1" or Greater																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00459-00002	0.35	1.99	0.23	0.38	9	0.11	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00461-00002	0.35	1.99	0.15	0.21	4	0.11	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00462-00002	0.35	1.99	0.16	0.34	5	0.11	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-19-00458-00002	0.36	2.04	0.35	0.42	14	0.11	-	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Tilt-Wash Double-Hung Window	<b>2.2 Annealed Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-24-01290-00001	0.29	1.65	0.31	0.54	21	0.12	N	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01290-00002	0.29	1.65	0.28	0.48	19	0.12	N	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01297-00001	0.31	1.76	0.28	0.48	16	0.12	-	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01304-00001	0.30	1.70	0.28	0.48	18	0.12	N	NC	SC	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-24-01292-00001	0.30	1.70	0.19	0.30	13	0.12	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01292-00002	0.30	1.70	0.17	0.26	11	0.12	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01299-00001	0.31	1.76	0.17	0.26	10	0.12	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01306-00001	0.31	1.76	0.17	0.26	10	0.12	-	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-24-01293-00001	0.29	1.65	0.21	0.48	15	0.12	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01293-00002	0.29	1.65	0.19	0.43	14	0.12	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01300-00001	0.30	1.70	0.19	0.43	13	0.12	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01307-00001	0.30	1.70	0.19	0.43	13	0.12	N	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-24-01289-00001	0.31	1.76	0.53	0.59	31	0.12	N	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01289-00002	0.31	1.76	0.47	0.52	27	0.12	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-24-01296-00001	0.32	1.82	0.47	0.52	26	0.12	N	-	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01303-00001	0.32	1.82	0.47	0.52	26	0.12	N	-	-	-	A	B	-	-
	<b>2.2 Annealed Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01290-00003	0.29	1.65	0.25	0.42	17	0.12	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01556-00001	0.30	1.70	0.25	0.42	16	0.12	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01620-00001	0.31	1.76	0.28	0.48	16	0.12	-	NC	SC	-	A	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01292-00003	0.30	1.70	0.16	0.23	11	0.12	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01557-00001	0.31	1.76	0.16	0.23	9	0.12	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01621-00001	0.31	1.76	0.17	0.26	10	0.12	-	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01293-00003	0.29	1.65	0.17	0.38	12	0.12	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01558-00001	0.30	1.70	0.17	0.38	11	0.12	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01622-00001	0.31	1.76	0.19	0.43	11	0.12	-	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01289-00003	0.31	1.76	0.42	0.46	25	0.12	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-24-01555-00001	0.31	1.76	0.41	0.46	24	0.12	N	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01619-00001	0.32	1.82	0.46	0.53	26	0.12	N	-	-	-	A	B	-	-
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-24-01311-00001	0.30	1.70	0.31	0.53	19	0.12	N	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01311-00002	0.30	1.70	0.28	0.47	18	0.12	N	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01318-00001	0.31	1.76	0.28	0.47	16	0.12	-	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01325-00001	0.31	1.76	0.28	0.47	16	0.12	-	NC	SC	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-24-01313-00001	0.31	1.76	0.19	0.30	11	0.12	-	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01313-00002	0.31	1.76	0.17	0.26	10	0.12	-	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01320-00001	0.32	1.82	0.17	0.26	9	0.12	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01327-00001	0.32	1.82	0.17	0.26	9	0.12	-	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-24-01314-00001	0.30	1.70	0.21	0.48	14	0.12	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01314-00002	0.30	1.70	0.19	0.42	13	0.12	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01321-00001	0.31	1.76	0.19	0.42	11	0.12	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01328-00001	0.31	1.76	0.19	0.42	11	0.12	-	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-24-01310-00001	0.32	1.82	0.52	0.58	29	0.12	N	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01310-00002	0.32	1.82	0.46	0.52	26	0.12	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-24-01317-00001	0.33	1.87	0.46	0.52	24	0.12	-	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01324-00001	0.33	1.87	0.46	0.52	24	0.12	-	-	-	-	A	-	-	-
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01311-00003	0.30	1.70	0.25	0.42	16	0.12	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01562-00001	0.31	1.76	0.25	0.42	15	0.12	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Tilt-Wash Double-Hung Window	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01313-00003	0.31	1.76	0.16	0.23	9	0.12	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01563-00001	0.31	1.76	0.16	0.23	9	0.12	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01314-00003	0.30	1.70	0.17	0.37	11	0.12	N	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01564-00001	0.30	1.70	0.17	0.37	11	0.12	N	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01310-00003	0.32	1.82	0.41	0.46	23	0.12	N	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01561-00001	0.31	1.76	0.40	0.46	23	0.12	N	NC	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-24-01311-00004	0.30	1.70	0.31	0.53	19	0.12	N	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01311-00005	0.30	1.70	0.28	0.47	18	0.12	N	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01318-00002	0.31	1.76	0.28	0.47	16	0.12	-	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01325-00002	0.31	1.76	0.28	0.47	16	0.12	-	NC	SC	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-24-01313-00004	0.31	1.76	0.19	0.30	11	0.12	-	NC	SC	S	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01313-00005	0.31	1.76	0.17	0.26	10	0.12	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01320-00002	0.32	1.82	0.17	0.26	9	0.12	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01327-00002	0.32	1.82	0.17	0.26	9	0.12	-	NC	SC	S	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-24-01314-00004	0.30	1.70	0.21	0.48	14	0.12	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01314-00005	0.30	1.70	0.19	0.42	13	0.12	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01321-00002	0.31	1.76	0.19	0.42	11	0.12	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01328-00002	0.31	1.76	0.19	0.42	11	0.12	-	NC	SC	S	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-24-01310-00004	0.32	1.82	0.52	0.58	29	0.12	N	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01310-00005	0.32	1.82	0.46	0.52	26	0.12	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-24-01317-00002	0.33	1.87	0.46	0.52	24	0.12	-	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01324-00002	0.33	1.87	0.46	0.52	24	0.12	-	-	-	-	A	-	-	-
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01311-00006	0.30	1.70	0.25	0.42	16	0.12	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01562-00002	0.31	1.76	0.25	0.42	15	0.12	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01313-00006	0.31	1.76	0.16	0.23	9	0.12	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01563-00002	0.31	1.76	0.16	0.23	9	0.12	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01314-00006	0.30	1.70	0.17	0.37	11	0.12	N	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01564-00002	0.30	1.70	0.17	0.37	11	0.12	N	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01310-00006	0.32	1.82	0.41	0.46	23	0.12	N	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01561-00002	0.31	1.76	0.40	0.46	23	0.12	N	NC	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
Low-E4®	No Grilles	AND-N-24-01458-00001	0.32	1.82	0.31	0.53	17	0.12	-	NC	-	-	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01458-00002	0.32	1.82	0.28	0.47	15	0.12	-	NC	SC	-	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-24-01464-00001	0.33	1.87	0.28	0.47	14	0.12	-	-	SC	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-24-01470-00001	0.33	1.87	0.28	0.47	14	0.12	-	-	SC	-	-	-	-	-	
Low-E4® Sun	No Grilles	AND-N-24-01460-00001	0.33	1.87	0.19	0.29	9	0.12	-	-	SC	S	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01460-00002	0.33	1.87	0.17	0.25	8	0.12	-	-	SC	S	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-24-01466-00001	0.33	1.87	0.17	0.25	8	0.12	-	-	SC	S	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-24-01472-00001	0.34	1.93	0.17	0.25	6	0.12	-	-	SC	S	-	-	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-24-01461-00001	0.32	1.82	0.21	0.47	11	0.12	-	NC	SC	S	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01461-00002	0.32	1.82	0.19	0.42	10	0.12	-	NC	SC	S	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-24-01467-00001	0.32	1.82	0.19	0.42	10	0.12	-	NC	SC	S	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-24-01473-00001	0.33	1.87	0.19	0.42	9	0.12	-	-	SC	S	-	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
400 Series Tilt-Wash Double-Hung Window	Low-E4® PassiveSun™	No Grilles	AND-N-24-01457-00001	0.34	1.93	0.47	0.58	24	0.12	-	-	-	-	A	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01457-00002	0.34	1.93	0.42	0.51	21	0.12	-	-	-	-	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-24-01463-00001	0.34	1.93	0.42	0.51	21	0.12	-	-	-	-	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-24-01469-00001	0.35	1.99	0.42	0.51	19	0.12	-	-	-	-	-	-	-	-	
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01458-00003	0.32	1.82	0.25	0.41	13	0.12	-	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-24-01604-00001	0.33	1.87	0.25	0.41	12	0.12	-	-	SC	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01460-00003	0.33	1.87	0.16	0.22	7	0.12	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-24-01605-00001	0.33	1.87	0.16	0.22	7	0.12	-	-	SC	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01461-00003	0.32	1.82	0.17	0.37	9	0.12	-	NC	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-24-01606-00001	0.32	1.82	0.17	0.37	9	0.12	-	NC	SC	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01457-00003	0.34	1.93	0.37	0.45	18	0.12	-	-	-	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-24-01603-00001	0.33	1.87	0.37	0.45	19	0.12	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Tilt-Wash Double-Hung Window (w/ Capillary Breather Tubes)	<b>2.2 Annealed Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-24-01083-00001	0.33	1.87	0.31	0.54	16	0.12	-	-	-	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01083-00002	0.33	1.87	0.28	0.48	14	0.12	-	-	SC	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-24-01090-00001	0.34	1.93	0.28	0.48	13	0.12	-	-	SC	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-24-01097-00001	0.34	1.93	0.28	0.48	13	0.12	-	-	SC	-	-	-	-	
	Low-E4® Sun	No Grilles	AND-N-24-01085-00001	0.33	1.87	0.20	0.30	9	0.12	-	-	SC	S	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01085-00002	0.33	1.87	0.18	0.26	8	0.12	-	-	SC	S	-	-	-	
		Full Divided Lite (FDL)	AND-N-24-01092-00001	0.35	1.99	0.18	0.26	6	0.12	-	-	SC	S	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-24-01099-00001	0.34	1.93	0.18	0.26	7	0.12	-	-	SC	S	-	-	-	
	Low-E4® SmartSun™	No Grilles	AND-N-24-01086-00001	0.33	1.87	0.21	0.48	10	0.12	-	-	SC	S	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01086-00002	0.33	1.87	0.19	0.43	9	0.12	-	-	SC	S	-	-	-	
		Full Divided Lite (FDL)	AND-N-24-01093-00001	0.34	1.93	0.19	0.43	8	0.12	-	-	SC	S	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-24-01100-00001	0.33	1.87	0.19	0.43	9	0.12	-	-	SC	S	-	-	-	
	Low-E4® PassiveSun™	No Grilles	AND-N-24-01082-00001	0.35	1.99	0.52	0.59	25	0.12	-	-	-	-	A	B	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01082-00002	0.35	1.99	0.47	0.52	22	0.12	-	-	-	-	A	-	-	
		Full Divided Lite (FDL)	AND-N-24-01089-00001	0.36	2.04	0.47	0.52	21	0.12	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-24-01096-00001	0.36	2.04	0.47	0.52	21	0.12	-	-	-	-	-	-	-	
	<b>2.2 Annealed Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01083-00003	0.33	1.87	0.25	0.42	12	0.12	-	-	SC	S	-	-	-	
		Full Divided Lite (FDL)	AND-N-24-01498-00001	0.34	1.93	0.25	0.42	11	0.12	-	-	SC	S	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-24-01614-00001	0.35	1.99	0.28	0.48	11	0.12	-	-	SC	-	-	-	-	
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01085-00003	0.33	1.87	0.16	0.23	7	0.12	-	-	SC	S	-	-	-	
		Full Divided Lite (FDL)	AND-N-24-01499-00001	0.34	1.93	0.16	0.23	6	0.12	-	-	SC	S	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-24-01615-00001	0.35	1.99	0.18	0.26	6	0.12	-	-	SC	S	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01086-00003	0.33	1.87	0.17	0.38	8	0.12	-	-	SC	S	-	-	-	
		Full Divided Lite (FDL)	AND-N-24-01500-00001	0.33	1.87	0.17	0.38	8	0.12	-	-	SC	S	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-24-01616-00001	0.34	1.93	0.19	0.43	8	0.12	-	-	SC	S	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01082-00003	0.35	1.99	0.42	0.46	19	0.12	-	-	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-24-01497-00001	0.34	1.93	0.41	0.46	20	0.12	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-24-01613-00001	0.36	2.04	0.46	0.53	21	0.12	-	-	-	-	-	-	-	
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-24-01104-00001	0.34	1.93	0.31	0.53	14	0.12	-	-	-	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01104-00002	0.34	1.93	0.28	0.47	13	0.12	-	-	SC	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-24-01111-00001	0.35	1.99	0.28	0.47	11	0.12	-	-	SC	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-24-01118-00001	0.36	2.04	0.28	0.47	10	0.12	-	-	-	-	-	-	-	
	Low-E4® Sun	No Grilles	AND-N-24-01106-00001	0.35	1.99	0.20	0.30	7	0.12	-	-	SC	S	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01106-00002	0.35	1.99	0.18	0.26	6	0.12	-	-	SC	S	-	-	-	
		Full Divided Lite (FDL)	AND-N-24-01113-00001	0.36	2.04	0.18	0.26	5	0.12	-	-	-	S	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-24-01120-00001	0.36	2.04	0.18	0.26	5	0.12	-	-	-	S	-	-	-	
	Low-E4® SmartSun™	No Grilles	AND-N-24-01107-00001	0.34	1.93	0.21	0.48	9	0.12	-	-	SC	S	-	-	-	
Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-24-01107-00002	0.34	1.93	0.19	0.42	8	0.12	-	-	SC	S	-	-	-		
Full Divided Lite (FDL)		AND-N-24-01114-00001	0.35	1.99	0.19	0.42	6	0.12	-	-	SC	S	-	-	-		
Finelight™ (grilles-between-the-glass)		AND-N-24-01121-00001	0.35	1.99	0.19	0.42	6	0.12	-	-	SC	S	-	-	-		
Low-E4® PassiveSun™	No Grilles	AND-N-24-01103-00001	0.36	2.04	0.51	0.58	24	0.12	-	-	-	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01103-00002	0.36	2.04	0.46	0.52	21	0.12	-	-	-	-	-	-	-		
	Full Divided Lite (FDL)	AND-N-24-01110-00001	0.37	2.10	0.46	0.52	19	0.12	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-24-01117-00001	0.37	2.10	0.46	0.52	19	0.12	-	-	-	-	-	-	-		
<b>3.1 Annealed, 3.1 or Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01104-00003	0.34	1.93	0.25	0.42	11	0.12	-	-	SC	S	-	-	-		
	Full Divided Lite (FDL)	AND-N-24-01504-00001	0.35	1.99	0.25	0.42	10	0.12	-	-	SC	S	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-		

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
																		SC
400 Series Tilt- Wash Double- Hung Window (w/ Capillary Breather Tubes)	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01106-00003	0.35	1.99	0.16	0.23	4	0.12	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-24-01505-00001	0.35	1.99	0.16	0.23	4	0.12	-	-	SC	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01107-00003	0.34	1.93	0.17	0.37	6	0.12	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-24-01506-00001	0.34	1.93	0.17	0.37	6	0.12	-	-	SC	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01103-00003	0.36	2.04	0.41	0.46	18	0.12	-	-	-	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-24-01503-00001	0.35	1.99	0.40	0.46	18	0.12	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
	Low-E4®	No Grilles	AND-N-24-01104-00004	0.34	1.93	0.31	0.53	14	0.12	-	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01104-00005	0.34	1.93	0.28	0.47	13	0.12	-	-	SC	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01111-00002	0.35	1.99	0.28	0.47	11	0.12	-	-	SC	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01118-00002	0.36	2.04	0.28	0.47	10	0.12	-	-	-	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-24-01106-00004	0.35	1.99	0.20	0.30	7	0.12	-	-	SC	S	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01106-00005	0.35	1.99	0.18	0.26	6	0.12	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01113-00002	0.36	2.04	0.18	0.26	5	0.12	-	-	-	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01120-00002	0.36	2.04	0.18	0.26	5	0.12	-	-	-	S	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-24-01107-00004	0.34	1.93	0.21	0.48	9	0.12	-	-	SC	S	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01107-00005	0.34	1.93	0.19	0.42	8	0.12	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01114-00002	0.35	1.99	0.19	0.42	6	0.12	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01121-00002	0.35	1.99	0.19	0.42	6	0.12	-	-	SC	S	-	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-24-01103-00004	0.36	2.04	0.51	0.58	24	0.12	-	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01103-00005	0.36	2.04	0.46	0.52	21	0.12	-	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01110-00002	0.37	2.10	0.46	0.52	19	0.12	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01117-00002	0.37	2.10	0.46	0.52	19	0.12	-	-	-	-	-	-	-	-	-
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01104-00006	0.34	1.93	0.25	0.42	11	0.12	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01504-00002	0.35	1.99	0.25	0.42	10	0.12	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01106-00006	0.35	1.99	0.16	0.23	4	0.12	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01505-00002	0.35	1.99	0.16	0.23	4	0.12	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01107-00006	0.34	1.93	0.17	0.37	6	0.12	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01506-00002	0.34	1.93	0.17	0.37	6	0.12	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01103-00006	0.36	2.04	0.41	0.46	18	0.12	-	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01503-00002	0.35	1.99	0.40	0.46	18	0.12	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
Low-E4®	No Grilles	AND-N-24-01251-00001	0.37	2.10	0.31	0.53	11	0.12	-	-	-	-	-	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01251-00002	0.37	2.10	0.28	0.47	9	0.12	-	-	-	-	-	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-24-01257-00001	0.37	2.10	0.28	0.47	9	0.12	-	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-24-01263-00001	0.38	2.16	0.28	0.47	8	0.12	-	-	-	-	-	-	-	-	-	
Low-E4® Sun	No Grilles	AND-N-24-01253-00001	0.37	2.10	0.20	0.29	4	0.12	-	-	-	-	S	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01253-00002	0.37	2.10	0.18	0.25	3	0.12	-	-	-	-	S	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-24-01259-00001	0.38	2.16	0.18	0.25	2	0.12	-	-	-	-	S	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-24-01265-00001	0.38	2.16	0.18	0.25	2	0.12	-	-	-	-	S	-	-	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-24-01254-00001	0.37	2.10	0.21	0.47	5	0.12	-	-	-	-	S	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01254-00002	0.37	2.10	0.19	0.42	4	0.12	-	-	-	-	S	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-24-01260-00001	0.37	2.10	0.19	0.42	4	0.12	-	-	-	-	S	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-24-01266-00001	0.38	2.16	0.19	0.42	2	0.12	-	-	-	-	S	-	-	-	-	



Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
400 Series Tilt- Wash Double- Hung Window (w/ Capillary Breather Tubes)	Low-E4® PassiveSun™	No Grilles	AND-N-24-01250-00001	0.38	2.16	0.47	0.58	19	0.12	-	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01250-00002	0.38	2.16	0.42	0.51	16	0.12	-	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01256-00001	0.39	2.21	0.42	0.51	15	0.12	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-24-01262-00001	0.39	2.21	0.42	0.51	15	0.12	-	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01251-00003	0.37	2.10	0.25	0.41	7	0.12	-	-	-	-	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01546-00001	0.37	2.10	0.25	0.41	7	0.12	-	-	-	-	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01253-00003	0.37	2.10	0.16	0.22	2	0.12	-	-	-	-	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01547-00001	0.38	2.16	0.16	0.22	1	0.12	-	-	-	-	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01254-00003	0.37	2.10	0.17	0.37	3	0.12	-	-	-	-	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01548-00001	0.37	2.10	0.17	0.37	3	0.12	-	-	-	-	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-24-01250-00003	0.38	2.16	0.38	0.45	13	0.12	-	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-24-01545-00001	0.39	2.21	0.38	0.45	12	0.12	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Tilt- Wash Double- Hung Insert Window	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
	Low-E4®	No Grilles	AND-N-132-00148-00001	0.31	1.76	0.31	0.54	18	0.12	55	-	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00154-00001	0.31	1.76	0.28	0.48	16	0.12	55	-	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-132-00160-00001	0.32	1.82	0.28	0.48	15	0.12	55	-	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-132-00172-00001	0.32	1.82	0.28	0.48	15	0.12	55	-	NC	SC	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-132-00149-00001	0.31	1.76	0.19	0.30	11	0.12	55	-	NC	SC	S	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00155-00001	0.31	1.76	0.18	0.27	11	0.12	55	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-132-00161-00001	0.32	1.82	0.18	0.27	9	0.12	55	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-132-00173-00001	0.33	1.87	0.18	0.27	8	0.12	55	-	-	SC	S	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-132-00150-00001	0.30	1.70	0.21	0.48	14	0.12	55	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00156-00001	0.30	1.70	0.19	0.43	13	0.12	55	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-132-00162-00001	0.31	1.76	0.19	0.43	11	0.12	55	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-132-00174-00001	0.32	1.82	0.19	0.43	10	0.12	55	-	NC	SC	S	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-132-00147-00001	0.33	1.87	0.52	0.59	28	0.12	54	-	-	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00153-00001	0.33	1.87	0.47	0.52	25	0.12	54	-	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-132-00159-00001	0.34	1.93	0.47	0.52	24	0.12	54	-	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-132-00171-00001	0.34	1.93	0.47	0.52	24	0.12	54	-	-	-	-	A	-	-	-
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00154-00002	0.31	1.76	0.25	0.42	15	0.12	55	-	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-132-00166-00001	0.32	1.82	0.25	0.42	13	0.12	55	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010					
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D		
400 Series Tilt- Wash Double- Hung Insert Window	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00155-00002	0.31	1.76	0.16	0.23	9	0.12	55	-	NC	SC	S	A	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00167-00001	0.32	1.82	0.16	0.23	8	0.12	55	-	NC	SC	S	A	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00156-00002	0.30	1.70	0.17	0.38	11	0.12	55	N	NC	SC	S	A	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00168-00001	0.31	1.76	0.17	0.38	10	0.12	55	-	NC	SC	S	A	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00153-00002	0.33	1.87	0.42	0.46	22	0.12	54	-	-	-	-	A	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00165-00001	0.33	1.87	0.42	0.46	22	0.12	54	-	-	-	-	A	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																			
	Low-E4®	No Grilles	AND-N-132-00148-00002	0.31	1.76	0.31	0.54	18	0.12	55	-	NC	-	-	A	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00154-00003	0.31	1.76	0.28	0.48	16	0.12	55	-	NC	SC	-	A	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00160-00002	0.32	1.82	0.28	0.48	15	0.12	55	-	NC	SC	-	A	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-132-00172-00002	0.32	1.82	0.28	0.48	15	0.12	55	-	NC	SC	-	A	-	-	-	-	
	Low-E4® Sun	No Grilles	AND-N-132-00149-00002	0.31	1.76	0.19	0.30	11	0.12	55	-	NC	SC	S	-	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00155-00003	0.31	1.76	0.18	0.27	11	0.12	55	-	NC	SC	S	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00161-00002	0.32	1.82	0.18	0.27	9	0.12	55	-	NC	SC	S	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-132-00173-00002	0.33	1.87	0.18	0.27	8	0.12	55	-	-	SC	S	-	-	-	-	-	
	Low-E4® SmartSun™	No Grilles	AND-N-132-00150-00002	0.30	1.70	0.21	0.48	14	0.12	55	N	NC	SC	S	A	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00156-00003	0.30	1.70	0.19	0.43	13	0.12	55	N	NC	SC	S	A	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00162-00002	0.31	1.76	0.19	0.43	11	0.12	55	-	NC	SC	S	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-132-00174-00002	0.32	1.82	0.19	0.43	10	0.12	55	-	NC	SC	S	-	-	-	-	-	
	Low-E4® PassiveSun™	No Grilles	AND-N-132-00147-00002	0.33	1.87	0.52	0.59	28	0.12	54	-	-	-	-	A	B	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00153-00003	0.33	1.87	0.47	0.52	25	0.12	54	-	-	-	-	A	B	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00159-00002	0.34	1.93	0.47	0.52	24	0.12	54	-	-	-	-	A	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-132-00171-00002	0.34	1.93	0.47	0.52	24	0.12	54	-	-	-	-	A	-	-	-	-	
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																			
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00154-00004	0.31	1.76	0.25	0.42	15	0.12	55	-	NC	SC	S	A	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00166-00002	0.32	1.82	0.25	0.42	13	0.12	55	-	NC	SC	S	A	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00155-00004	0.31	1.76	0.16	0.23	9	0.12	55	-	NC	SC	S	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00167-00002	0.32	1.82	0.16	0.23	8	0.12	55	-	NC	SC	S	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00156-00004	0.30	1.70	0.17	0.38	11	0.12	55	N	NC	SC	S	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00168-00002	0.31	1.76	0.17	0.38	10	0.12	55	-	NC	SC	S	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00153-00004	0.33	1.87	0.42	0.46	22	0.12	54	-	-	-	-	A	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00165-00002	0.33	1.87	0.42	0.46	22	0.12	54	-	-	-	-	A	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	<b>3.9 Pattern Glass - w /No Grilles and Grilles Less than 1"</b>																			
	Low-E4®	No Grilles	AND-N-132-00208-00001	0.33	1.87	0.31	0.53	16	0.12	53	-	-	-	-	-	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00213-00001	0.33	1.87	0.28	0.47	14	0.12	53	-	-	SC	-	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00218-00001	0.34	1.93	0.28	0.47	13	0.12	53	-	-	SC	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-132-00228-00001	0.34	1.93	0.28	0.47	13	0.12	53	-	-	SC	-	-	-	-	-	-	
	Low-E4® Sun	No Grilles	AND-N-132-00209-00001	0.34	1.93	0.19	0.29	8	0.12	53	-	-	SC	S	-	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00214-00001	0.34	1.93	0.18	0.26	7	0.12	53	-	-	SC	S	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00219-00001	0.34	1.93	0.18	0.26	7	0.12	53	-	-	SC	S	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-132-00229-00001	0.34	1.93	0.18	0.26	7	0.12	53	-	-	SC	S	-	-	-	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-132-00210-00001	0.33	1.87	0.21	0.48	10	0.12	53	-	-	SC	S	-	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00215-00001	0.33	1.87	0.19	0.43	9	0.12	53	-	-	SC	S	-	-	-	-	-		
	Full Divided Lite (FDL)	AND-N-132-00220-00001	0.33	1.87	0.19	0.43	9	0.12	53	-	-	SC	S	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-132-00230-00001	0.34	1.93	0.19	0.43	8	0.12	53	-	-	SC	S	-	-	-	-	-		

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010					
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D		
400 Series Tilt-Wash Double-Hung Insert Window	Low-E4® PassiveSun™	No Grilles	AND-N-132-00207-00001	0.35	1.99	0.48	0.58	23	0.12	52	-	-	-	-	A	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00212-00001	0.35	1.99	0.43	0.52	20	0.12	52	-	-	-	-	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00217-00001	0.35	1.99	0.43	0.52	20	0.12	52	-	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-132-00227-00001	0.36	2.04	0.43	0.52	19	0.12	52	-	-	-	-	-	-	-	-	-	
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																			
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00213-00002	0.33	1.87	0.25	0.42	12	0.12	53	-	-	SC	S	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00223-00001	0.33	1.87	0.25	0.42	12	0.12	53	-	-	SC	S	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-	
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00214-00002	0.34	1.93	0.16	0.23	6	0.12	53	-	-	SC	S	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00224-00001	0.34	1.93	0.16	0.23	6	0.12	53	-	-	SC	S	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00215-00002	0.33	1.87	0.17	0.38	8	0.12	53	-	-	SC	S	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00225-00001	0.33	1.87	0.17	0.38	8	0.12	53	-	-	SC	S	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00212-00002	0.35	1.99	0.38	0.46	17	0.12	52	-	-	-	-	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00222-00001	0.35	1.99	0.38	0.46	17	0.12	52	-	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-	
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																			
	Low-E4®	No Grilles	AND-N-132-00033-00001	0.35	1.99	0.32	0.54	14	0.12	51	-	-	-	-	-	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00039-00001	0.35	1.99	0.28	0.48	11	0.12	51	-	-	SC	-	-	-	-	-	-	
Full Divided Lite (FDL)		AND-N-132-00045-00001	0.36	2.04	0.28	0.48	10	0.12	51	-	-	-	-	-	-	-	-	-		
Finelight™ (grilles-between-the-glass)		AND-N-132-00057-00001	0.37	2.10	0.28	0.48	9	0.12	51	-	-	-	-	-	-	-	-	-		
Low-E4® Sun	No Grilles	AND-N-132-00034-00001	0.36	2.04	0.20	0.30	6	0.12	51	-	-	-	S	-	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00040-00001	0.36	2.04	0.18	0.27	5	0.12	51	-	-	-	S	-	-	-	-	-		
	Full Divided Lite (FDL)	AND-N-132-00046-00001	0.37	2.10	0.18	0.27	3	0.12	51	-	-	-	S	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-132-00058-00001	0.37	2.10	0.18	0.27	3	0.12	51	-	-	-	S	-	-	-	-	-		
Low-E4® SmartSun™	No Grilles	AND-N-132-00035-00001	0.35	1.99	0.21	0.48	7	0.12	52	-	-	SC	S	-	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00041-00001	0.35	1.99	0.19	0.43	6	0.12	52	-	-	SC	S	-	-	-	-	-		
	Full Divided Lite (FDL)	AND-N-132-00047-00001	0.36	2.04	0.19	0.43	5	0.12	52	-	-	-	S	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-132-00059-00001	0.36	2.04	0.19	0.43	5	0.12	52	-	-	-	S	-	-	-	-	-		
Low-E4® PassiveSun™	No Grilles	AND-N-132-00032-00001	0.37	2.10	0.52	0.59	23	0.12	50	-	-	-	-	-	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00038-00001	0.37	2.10	0.47	0.52	20	0.12	50	-	-	-	-	-	-	-	-	-		
	Full Divided Lite (FDL)	AND-N-132-00044-00001	0.38	2.16	0.47	0.52	19	0.12	50	-	-	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-132-00056-00001	0.38	2.16	0.47	0.52	19	0.12	50	-	-	-	-	-	-	-	-	-		
<b>3.1 Annealed, 3.1 or Tempered Glass - w/ Grilles 1" or Greater</b>																				
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00039-00002	0.35	1.99	0.25	0.42	10	0.12	51	-	-	SC	S	-	-	-	-	-		
	Full Divided Lite (FDL)	AND-N-132-00051-00001	0.36	2.04	0.25	0.42	9	0.12	51	-	-	-	S	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-		

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
400 Series Tilt-Wash Double-Hung Insert Window (w/ Capillary Breather Tubes)	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00040-00002	0.36	2.04	0.16	0.23	3	0.12	51	-	-	-	6	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00052-00001	0.36	2.04	0.16	0.23	3	0.12	51	-	-	-	6	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00041-00002	0.35	1.99	0.17	0.38	5	0.12	52	-	-	SC	6	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00053-00001	0.35	1.99	0.17	0.38	5	0.12	52	-	-	SC	6	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00038-00002	0.37	2.10	0.42	0.46	17	0.12	50	-	-	-	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00050-00001	0.37	2.10	0.42	0.46	17	0.12	50	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																		
	Low-E4®	No Grilles	AND-N-132-00033-00002	0.35	1.99	0.32	0.54	14	0.12	51	-	-	-	-	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00039-00003	0.35	1.99	0.28	0.48	11	0.12	51	-	-	SC	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00045-00002	0.36	2.04	0.28	0.48	10	0.12	51	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-132-00057-00002	0.37	2.10	0.28	0.48	9	0.12	51	-	-	-	-	-	-	-	-	
	Low-E4® Sun	No Grilles	AND-N-132-00034-00002	0.36	2.04	0.20	0.30	6	0.12	51	-	-	-	S	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00040-00003	0.36	2.04	0.18	0.27	5	0.12	51	-	-	-	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00046-00002	0.37	2.10	0.18	0.27	3	0.12	51	-	-	-	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-132-00058-00002	0.37	2.10	0.18	0.27	3	0.12	51	-	-	-	S	-	-	-	-	
	Low-E4® SmartSun™	No Grilles	AND-N-132-00035-00002	0.35	1.99	0.21	0.48	7	0.12	52	-	-	SC	S	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00041-00003	0.35	1.99	0.19	0.43	6	0.12	52	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00047-00002	0.36	2.04	0.19	0.43	5	0.12	52	-	-	-	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-132-00059-00002	0.36	2.04	0.19	0.43	5	0.12	52	-	-	-	S	-	-	-	-	
	Low-E4® PassiveSun™	No Grilles	AND-N-132-00032-00002	0.37	2.10	0.52	0.59	23	0.12	50	-	-	-	-	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00038-00003	0.37	2.10	0.47	0.52	20	0.12	50	-	-	-	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00044-00002	0.38	2.16	0.47	0.52	19	0.12	50	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-132-00056-00002	0.38	2.16	0.47	0.52	19	0.12	50	-	-	-	-	-	-	-	-	
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																		
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00039-00004	0.35	1.99	0.25	0.42	10	0.12	51	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00051-00002	0.36	2.04	0.25	0.42	9	0.12	51	-	-	-	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00040-00004	0.36	2.04	0.16	0.23	3	0.12	51	-	-	-	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00052-00002	0.36	2.04	0.16	0.23	3	0.12	51	-	-	-	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00041-00004	0.35	1.99	0.17	0.38	5	0.12	52	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00053-00002	0.35	1.99	0.17	0.38	5	0.12	52	-	-	SC	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00038-00004	0.37	2.10	0.42	0.46	17	0.12	50	-	-	-	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00050-00002	0.37	2.10	0.42	0.46	17	0.12	50	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																		
Low-E4®	No Grilles	AND-N-132-00093-00001	0.38	2.16	0.32	0.53	10	0.12	49	-	-	-	-	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00098-00001	0.38	2.16	0.28	0.47	8	0.12	49	-	-	-	-	-	-	-	-		
	Full Divided Lite (FDL)	AND-N-132-00103-00001	0.38	2.16	0.28	0.47	8	0.12	49	-	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-132-00113-00001	0.39	2.21	0.28	0.47	7	0.12	49	-	-	-	-	-	-	-	-		
Low-E4® Sun	No Grilles	AND-N-132-00094-00001	0.38	2.16	0.20	0.29	3	0.12	49	-	-	-	S	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00099-00001	0.38	2.16	0.18	0.26	2	0.12	49	-	-	-	S	-	-	-	-		
	Full Divided Lite (FDL)	AND-N-132-00104-00001	0.39	2.21	0.18	0.26	1	0.12	49	-	-	-	S	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-132-00114-00001	0.39	2.21	0.18	0.26	1	0.12	49	-	-	-	S	-	-	-	-		
Low-E4® SmartSun™	No Grilles	AND-N-132-00095-00001	0.37	2.10	0.22	0.48	6	0.12	49	-	-	-	S	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00100-00001	0.37	2.10	0.20	0.43	4	0.12	49	-	-	-	S	-	-	-	-		
	Full Divided Lite (FDL)	AND-N-132-00105-00001	0.38	2.16	0.20	0.43	3	0.12	49	-	-	-	S	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-132-00115-00001	0.38	2.16	0.20	0.43	3	0.12	49	-	-	-	S	-	-	-	-		

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010					
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D		
400 Series Tilt-Wash Double-Hung Insert Window (w/ Capillary Breather Tubes)	Low-E4® PassiveSun™	No Grilles	AND-N-132-00092-00001	0.39	2.21	0.48	0.58	18	0.12	48	-	-	-	-	-	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00097-00001	0.39	2.21	0.43	0.52	15	0.12	48	-	-	-	-	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00102-00001	0.40	2.27	0.43	0.52	14	0.12	48	-	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-132-00112-00001	0.40	2.27	0.43	0.52	14	0.12	48	-	-	-	-	-	-	-	-	-	
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																			
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00098-00002	0.38	2.16	0.25	0.42	6	0.12	49	-	-	-	S	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00108-00001	0.38	2.16	0.25	0.42	6	0.12	49	-	-	-	S	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-	
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00099-00002	0.38	2.16	0.16	0.23	1	0.12	49	-	-	-	S	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00109-00001	0.38	2.16	0.16	0.23	1	0.12	49	-	-	-	S	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00100-00002	0.37	2.10	0.18	0.38	3	0.12	49	-	-	-	S	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00110-00001	0.37	2.10	0.18	0.38	3	0.12	49	-	-	-	S	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-132-00097-00002	0.39	2.21	0.38	0.46	12	0.12	48	-	-	-	-	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-132-00107-00001	0.39	2.21	0.38	0.46	12	0.12	48	-	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Springline™ Window		<b>5.7 Annealed, or 5.7 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-25-00385-00001	0.30	1.70	0.33	0.58	22	0.01	54	N	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-25-00391-00001	0.30	1.70	0.30	0.52	20	0.01	54	N	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-25-00397-00001	0.32	1.82	0.30	0.52	17	0.01	54	-	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-25-00386-00001	0.31	1.76	0.20	0.31	13	0.01	54	-	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-25-00392-00001	0.31	1.76	0.18	0.28	12	0.01	54	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-25-00398-00001	0.32	1.82	0.18	0.28	10	0.01	54	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-25-00387-00001	0.30	1.70	0.23	0.52	16	0.01	54	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-25-00393-00001	0.30	1.70	0.21	0.46	15	0.01	54	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-25-00399-00001	0.31	1.76	0.21	0.46	13	0.01	54	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-25-00384-00001	0.33	1.87	0.50	0.63	28	0.01	53	-	-	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-25-00390-00001	0.33	1.87	0.46	0.57	26	0.01	53	-	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-25-00396-00001	0.34	1.93	0.46	0.57	24	0.01	53	-	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
			<b>5.7 Annealed, or 5.7 Tempered Glass - w/ Grilles 1" or Greater</b>															
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-25-00391-00002	0.30	1.70	0.27	0.46	18	0.01	54	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-25-00403-00001	0.32	1.82	0.30	0.52	17	0.01	54	-	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-25-00501-00001	0.32	1.82	0.27	0.46	16	0.01	54	-	NC	SC	S	A	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-25-00392-00002	0.31	1.76	0.17	0.25	11	0.01	54	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-25-00404-00001	0.32	1.82	0.18	0.28	10	0.01	54	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-25-00502-00001	0.32	1.82	0.17	0.25	10	0.01	54	-	NC	SC	S	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-25-00393-00002	0.30	1.70	0.19	0.41	14	0.01	54	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-25-00405-00001	0.31	1.76	0.21	0.46	13	0.01	54	-	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-25-00503-00001	0.31	1.76	0.19	0.41	12	0.01	54	-	NC	SC	S	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-25-00390-00002	0.33	1.87	0.41	0.50	23	0.01	53	-	-	-	-	A	-	-	-
Finelight™ (grilles-between-the-glass)		AND-N-25-00402-00001	0.34	1.93	0.46	0.57	24	0.01	53	-	-	-	-	A	-	-	-	
Full Divided Lite (FDL)		AND-N-25-00500-00001	0.33	1.87	0.41	0.50	23	0.01	53	-	-	-	-	A	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
400 Series Springline™ Window (w/ Capillary Breather Tubes)		<b>5.7 Annealed, or 5.7 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
	Low-E4®	No Grilles	AND-N-25-00293-00001	0.34	1.93	0.34	0.58	17	0.01	51	-	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-25-00299-00001	0.34	1.93	0.30	0.52	15	0.01	51	-	-	SC	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-25-00305-00001	0.36	2.04	0.30	0.52	13	0.01	51	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-25-00294-00001	0.34	1.93	0.21	0.31	10	0.01	51	-	-	SC	S	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-25-00300-00001	0.34	1.93	0.19	0.28	9	0.01	51	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-25-00306-00001	0.36	2.04	0.19	0.28	6	0.01	51	-	-	-	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-25-00295-00001	0.34	1.93	0.23	0.52	11	0.01	51	-	-	SC	S	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-25-00301-00001	0.34	1.93	0.21	0.46	10	0.01	51	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-25-00307-00001	0.35	1.99	0.21	0.46	8	0.01	51	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-25-00292-00001	0.36	2.04	0.51	0.63	25	0.01	50	-	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-25-00298-00001	0.36	2.04	0.46	0.57	22	0.01	50	-	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-25-00304-00001	0.37	2.10	0.46	0.57	20	0.01	50	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
			<b>5.7 Annealed, 5.7 or Tempered Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-25-00299-00002	0.34	1.93	0.27	0.46	13	0.01	51	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-25-00311-00001	0.36	2.04	0.30	0.52	13	0.01	51	-	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-25-00478-00001	0.35	1.99	0.27	0.46	12	0.01	51	-	-	SC	S	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-25-00300-00002	0.34	1.93	0.17	0.25	7	0.01	51	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-25-00312-00001	0.36	2.04	0.19	0.28	6	0.01	51	-	-	-	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-25-00479-00001	0.36	2.04	0.17	0.25	5	0.01	51	-	-	-	S	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-25-00301-00002	0.34	1.93	0.19	0.41	9	0.01	51	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-25-00313-00001	0.35	1.99	0.21	0.46	8	0.01	51	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-25-00480-00001	0.35	1.99	0.19	0.41	7	0.01	51	-	-	SC	S	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-25-00298-00002	0.36	2.04	0.41	0.50	19	0.01	50	-	-	-	-	-	-	-	-	-
Finelight™ (grilles-between-the-glass)		AND-N-25-00310-00001	0.37	2.10	0.46	0.57	20	0.01	50	-	-	-	-	-	-	-	-	-	
Full Divided Lite (FDL)		AND-N-25-00477-00001	0.37	2.10	0.41	0.50	18	0.01	50	-	-	-	-	-	-	-	-	-	



Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-27-00883-00001	0.30	1.70	0.33	0.57	22	0.02	N	NC	-	-	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00883-00002	0.30	1.70	0.30	0.51	20	0.02	N	NC	SC	-	A	-	-		
	Full Divided Lite (FDL)	AND-N-27-00890-00001	0.31	1.76	0.30	0.51	19	0.02	-	NC	SC	-	A	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-27-00897-00001	0.30	1.70	0.30	0.51	20	0.02	N	NC	SC	-	A	-	-		
Low-E4® Sun	No Grilles	AND-N-27-00885-00001	0.30	1.70	0.20	0.32	14	0.02	N	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00885-00002	0.30	1.70	0.18	0.28	13	0.02	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-27-00892-00001	0.32	1.82	0.18	0.28	10	0.02	-	NC	SC	S	A	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-27-00899-00001	0.30	1.70	0.18	0.28	13	0.02	N	NC	SC	S	A	-	-		
Low-E4® SmartSun™	No Grilles	AND-N-27-00886-00001	0.29	1.65	0.22	0.51	16	0.02	N	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00886-00002	0.29	1.65	0.20	0.46	15	0.02	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-27-00893-00001	0.31	1.76	0.20	0.46	13	0.02	-	NC	SC	S	A	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-27-00900-00001	0.29	1.65	0.20	0.46	15	0.02	N	NC	SC	S	A	-	-		
Low-E4® PassiveSun™	No Grilles	AND-N-27-00882-00001	0.32	1.82	0.56	0.63	32	0.02	N	-	-	-	A	B	C		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00882-00002	0.32	1.82	0.50	0.56	29	0.02	N	-	-	-	A	B	C		
	Full Divided Lite (FDL)	AND-N-27-00889-00001	0.33	1.87	0.50	0.56	28	0.02	-	-	-	-	A	B	-		
	Finelight™ (grilles-between-the-glass)	AND-N-27-00896-00001	0.32	1.82	0.50	0.56	29	0.02	N	-	-	-	A	B	C		
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00883-00003	0.30	1.70	0.27	0.45	18	0.02	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00885-00003	0.30	1.70	0.17	0.25	12	0.02	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00886-00003	0.29	1.65	0.18	0.41	14	0.02	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00882-00003	0.32	1.82	0.45	0.49	26	0.02	N	-	-	-	A	B	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
<b>3.9 Annealed, or 3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-27-00904-00001	0.29	1.65	0.33	0.56	23	0.02	N	NC	-	-	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00904-00002	0.29	1.65	0.30	0.50	21	0.02	N	NC	SC	-	A	-	-		
	Full Divided Lite (FDL)	AND-N-27-00911-00001	0.31	1.76	0.30	0.50	19	0.02	-	NC	SC	-	A	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-27-00918-00001	0.31	1.76	0.30	0.50	19	0.02	-	NC	SC	-	A	-	-		
Low-E4® Sun	No Grilles	AND-N-27-00906-00001	0.30	1.70	0.20	0.31	14	0.02	N	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00906-00002	0.30	1.70	0.18	0.27	13	0.02	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-27-00913-00001	0.31	1.76	0.18	0.27	12	0.02	-	NC	SC	S	A	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-27-00920-00001	0.31	1.76	0.18	0.27	12	0.02	-	NC	SC	S	A	-	-		
Low-E4® SmartSun™	No Grilles	AND-N-27-00907-00001	0.29	1.65	0.22	0.51	16	0.02	N	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00907-00002	0.29	1.65	0.20	0.45	15	0.02	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-27-00914-00001	0.30	1.70	0.20	0.45	14	0.02	N	NC	SC	S	A	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-27-00921-00001	0.30	1.70	0.20	0.45	14	0.02	N	NC	SC	S	A	-	-		
Low-E4® PassiveSun™	No Grilles	AND-N-27-00903-00001	0.31	1.76	0.54	0.62	32	0.02	N	-	-	-	A	B	C		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00903-00002	0.31	1.76	0.49	0.55	30	0.02	N	-	-	-	A	B	C		
	Full Divided Lite (FDL)	AND-N-27-00910-00001	0.33	1.87	0.49	0.55	27	0.02	-	-	-	-	A	B	-		
	Finelight™ (grilles-between-the-glass)	AND-N-27-00917-00001	0.32	1.82	0.49	0.55	28	0.02	N	-	-	-	A	B	-		
<b>3.9 Annealed, or 3.9 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00904-00003	0.29	1.65	0.27	0.45	19	0.02	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		

400 Series Tilt-Wash Double-Hung Picture Window

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										N	NC	SC	S	A	B	C	D
400 Series Tilt-Wash Double-Hung Picture Window	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00906-00003	0.30	1.70	0.16	0.24	12	0.02	N	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00907-00003	0.29	1.65	0.18	0.40	14	0.02	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00903-00003	0.31	1.76	0.44	0.49	27	0.02	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>4.7 Annealed, or 4.7 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-27-00925-00001	0.29	1.65	0.33	0.56	23	0.02	N	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00925-00002	0.29	1.65	0.29	0.50	20	0.02	N	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-27-00931-00001	0.30	1.70	0.29	0.50	19	0.02	N	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-27-00937-00001	0.31	1.76	0.29	0.50	18	0.02	-	NC	SC	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-27-00926-00001	0.30	1.70	0.20	0.31	14	0.02	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00926-00002	0.30	1.70	0.18	0.27	13	0.02	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-27-00932-00001	0.31	1.76	0.18	0.27	12	0.02	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-27-00938-00001	0.31	1.76	0.18	0.27	12	0.02	-	NC	SC	S	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-27-00927-00001	0.28	1.59	0.22	0.50	18	0.02	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00927-00002	0.28	1.59	0.20	0.45	17	0.02	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-27-00933-00001	0.30	1.70	0.20	0.45	14	0.02	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-27-00939-00001	0.30	1.70	0.20	0.45	14	0.02	N	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-27-00924-00001	0.31	1.76	0.53	0.61	32	0.02	N	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00924-00002	0.31	1.76	0.48	0.55	29	0.02	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-27-00930-00001	0.32	1.82	0.48	0.55	28	0.02	N	-	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-27-00936-00001	0.33	1.87	0.48	0.55	27	0.02	-	-	-	-	A	B	-	-
	<b>4.7 Annealed, or 4.7 Tempered Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00925-00003	0.29	1.65	0.26	0.44	19	0.02	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00926-00003	0.30	1.70	0.17	0.24	12	0.02	N	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00927-00003	0.28	1.59	0.18	0.40	15	0.02	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00924-00003	0.31	1.76	0.43	0.49	26	0.02	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-27-01006-00001	0.30	1.70	0.33	0.57	22	0.02	N	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-01006-00002	0.30	1.70	0.30	0.51	20	0.02	N	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-27-01012-00001	0.31	1.76	0.30	0.51	19	0.02	-	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-27-01018-00001	0.30	1.70	0.30	0.51	20	0.02	N	NC	SC	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-27-01008-00001	0.30	1.70	0.20	0.32	14	0.02	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-01008-00002	0.30	1.70	0.18	0.28	13	0.02	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-27-01014-00001	0.32	1.82	0.18	0.28	10	0.02	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-27-01020-00001	0.30	1.70	0.18	0.28	13	0.02	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-27-01009-00001	0.29	1.65	0.22	0.51	16	0.02	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-01009-00002	0.29	1.65	0.20	0.46	15	0.02	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-27-01015-00001	0.31	1.76	0.20	0.46	13	0.02	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-27-01021-00001	0.29	1.65	0.20	0.46	15	0.02	N	NC	SC	S	A	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	Central	Southern	Zone A	Zone B	Zone C	Zone D	
										N	N	N	A	B	C	D	
400 Series Tilt- Wash Double- Hung Picture Window	Low-E4® PassiveSun™	No Grilles	AND-N-27-01005-00001	0.32	1.82	0.52	0.63	30	0.02	N	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-01005-00002	0.32	1.82	0.47	0.56	27	0.02	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-27-01011-00001	0.33	1.87	0.47	0.56	26	0.02	-	-	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-27-01017-00001	0.32	1.82	0.47	0.56	27	0.02	N	-	-	-	A	B	-	-
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-01006-00003	0.30	1.70	0.27	0.45	18	0.02	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-01008-00003	0.30	1.70	0.17	0.25	12	0.02	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-01009-00003	0.29	1.65	0.18	0.41	14	0.02	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-01005-00003	0.32	1.82	0.42	0.49	24	0.02	N	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-27-01006-00004	0.30	1.70	0.33	0.56	22	0.02	N	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-01006-00005	0.30	1.70	0.30	0.50	20	0.02	N	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-27-01012-00002	0.31	1.76	0.30	0.50	19	0.02	-	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-27-01018-00002	0.30	1.70	0.30	0.50	20	0.02	N	NC	SC	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-27-01008-00004	0.30	1.70	0.20	0.31	14	0.02	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-01008-00005	0.30	1.70	0.18	0.27	13	0.02	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-27-01014-00002	0.32	1.82	0.18	0.27	10	0.02	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-27-01020-00002	0.30	1.70	0.18	0.27	13	0.02	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-27-01009-00004	0.29	1.65	0.22	0.51	16	0.02	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-01009-00005	0.29	1.65	0.20	0.45	15	0.02	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-27-01015-00002	0.31	1.76	0.20	0.45	13	0.02	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-27-01021-00002	0.29	1.65	0.20	0.45	15	0.02	N	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-27-01005-00004	0.32	1.82	0.51	0.62	29	0.02	N	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-01005-00005	0.32	1.82	0.45	0.55	26	0.02	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-27-01011-00002	0.33	1.87	0.45	0.55	25	0.02	-	-	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-27-01017-00002	0.32	1.82	0.45	0.55	26	0.02	N	-	-	-	A	B	-	-
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-01006-00006	0.30	1.70	0.27	0.45	18	0.02	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-01008-00006	0.30	1.70	0.16	0.24	12	0.02	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-01009-00006	0.29	1.65	0.18	0.40	14	0.02	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-01005-00006	0.32	1.82	0.41	0.49	24	0.02	N	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-27-00742-00001	0.33	1.87	0.33	0.57	18	0.02	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00742-00002	0.33	1.87	0.30	0.51	16	0.02	-	-	SC	-	-	-			
	Full Divided Lite (FDL)	AND-N-27-00749-00001	0.35	1.99	0.30	0.51	14	0.02	-	-	SC	-	-	-			
	Finelight™ (grilles-between-the-glass)	AND-N-27-00756-00001	0.33	1.87	0.30	0.51	16	0.02	-	-	SC	-	-	-			
Low-E4® Sun	No Grilles	AND-N-27-00744-00001	0.34	1.93	0.21	0.32	10	0.02	-	-	SC	SB	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00744-00002	0.34	1.93	0.19	0.28	9	0.02	-	-	SC	SB	-	-			
	Full Divided Lite (FDL)	AND-N-27-00751-00001	0.35	1.99	0.19	0.28	7	0.02	-	-	SC	SB	-	-			
	Finelight™ (grilles-between-the-glass)	AND-N-27-00758-00001	0.34	1.93	0.19	0.28	9	0.02	-	-	SC	SB	-	-			
Low-E4® SmartSun™	No Grilles	AND-N-27-00745-00001	0.33	1.87	0.22	0.51	12	0.02	-	-	SC	SB	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00745-00002	0.33	1.87	0.20	0.46	10	0.02	-	-	SC	SB	-	-			
	Full Divided Lite (FDL)	AND-N-27-00752-00001	0.34	1.93	0.20	0.46	9	0.02	-	-	SC	SB	-	-			
	Finelight™ (grilles-between-the-glass)	AND-N-27-00759-00001	0.33	1.87	0.20	0.46	10	0.02	-	-	SC	SB	-	-			
Low-E4® PassiveSun™	No Grilles	AND-N-27-00741-00001	0.35	1.99	0.56	0.63	29	0.02	-	-	-	-	A	B	C		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00741-00002	0.35	1.99	0.50	0.56	25	0.02	-	-	-	-	A	B	-		
	Full Divided Lite (FDL)	AND-N-27-00748-00001	0.36	2.04	0.50	0.56	24	0.02	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-27-00755-00001	0.35	1.99	0.50	0.56	25	0.02	-	-	-	-	A	B	-		
<b>3.1 Annealed, 3.1 or Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00742-00003	0.33	1.87	0.27	0.45	14	0.02	-	-	SC	S	-	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00744-00003	0.34	1.93	0.17	0.25	7	0.02	-	-	SC	S	-	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00745-00003	0.33	1.87	0.18	0.41	9	0.02	-	-	SC	S	-	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00741-00003	0.35	1.99	0.45	0.49	22	0.02	-	-	-	-	A	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
<b>3.9 Annealed, or 3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-27-00763-00001	0.33	1.87	0.33	0.56	18	0.02	-	-	-	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00763-00002	0.33	1.87	0.30	0.50	16	0.02	-	-	SC	-	-	-	-		
	Full Divided Lite (FDL)	AND-N-27-00770-00001	0.34	1.93	0.30	0.50	15	0.02	-	-	SC	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-27-00777-00001	0.34	1.93	0.30	0.50	15	0.02	-	-	SC	-	-	-	-		
Low-E4® Sun	No Grilles	AND-N-27-00765-00001	0.33	1.87	0.21	0.31	11	0.02	-	-	SC	SB	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00765-00002	0.33	1.87	0.19	0.27	10	0.02	-	-	SC	SB	-	-	-		
	Full Divided Lite (FDL)	AND-N-27-00772-00001	0.35	1.99	0.19	0.27	7	0.02	-	-	SC	SB	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-27-00779-00001	0.35	1.99	0.19	0.27	7	0.02	-	-	SC	SB	-	-	-		
Low-E4® SmartSun™	No Grilles	AND-N-27-00766-00001	0.32	1.82	0.22	0.51	13	0.02	-	-	NC	SC	SB	A	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00766-00002	0.32	1.82	0.20	0.45	11	0.02	-	-	NC	SC	SB	-	-		
	Full Divided Lite (FDL)	AND-N-27-00773-00001	0.34	1.93	0.20	0.45	9	0.02	-	-	SC	SB	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-27-00780-00001	0.34	1.93	0.20	0.45	9	0.02	-	-	SC	SB	-	-	-		
Low-E4® PassiveSun™	No Grilles	AND-N-27-00762-00001	0.34	1.93	0.54	0.62	29	0.02	-	-	-	-	A	B	C		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00762-00002	0.34	1.93	0.49	0.55	26	0.02	-	-	-	-	A	B	-		
	Full Divided Lite (FDL)	AND-N-27-00769-00001	0.36	2.04	0.49	0.55	23	0.02	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-27-00776-00001	0.36	2.04	0.49	0.55	23	0.02	-	-	-	-	-	-	-		
<b>3.9 Annealed, 3.9 or Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00763-00003	0.33	1.87	0.27	0.45	14	0.02	-	-	SC	S	-	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		

400 Series Tilt-Wash Double-Hung Picture Window (w/ Capillary Breather Tubes)

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
										-	-	-	-	-	-	-	-	
400 Series Tilt- Wash Double- Hung Picture Window (w/ Capillary Breather Tubes)	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00765-00003	0.33	1.87	0.17	0.24	9	0.02	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00766-00003	0.32	1.82	0.18	0.40	10	0.02	-	NC	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00762-00003	0.34	1.93	0.43	0.49	22	0.02	-	-	-	-	A	-	-	-	
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	<b>4.7 Annealed, or 4.7 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
	Low-E4®	No Grilles	AND-N-27-00784-00001	0.33	1.87	0.33	0.56	18	0.02	-	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00784-00002	0.33	1.87	0.30	0.50	16	0.02	-	-	SC	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-27-00790-00001	0.34	1.93	0.30	0.50	15	0.02	-	-	SC	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-27-00796-00001	0.35	1.99	0.30	0.50	14	0.02	-	-	SC	-	-	-	-	-	
	Low-E4® Sun	No Grilles	AND-N-27-00785-00001	0.33	1.87	0.21	0.31	11	0.02	-	-	SC	S	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00785-00002	0.33	1.87	0.19	0.27	10	0.02	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-27-00791-00001	0.35	1.99	0.19	0.27	7	0.02	-	-	SC	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-27-00797-00001	0.35	1.99	0.19	0.27	7	0.02	-	-	SC	S	-	-	-	-	
	Low-E4® SmartSun™	No Grilles	AND-N-27-00786-00001	0.32	1.82	0.23	0.50	13	0.02	-	NC	SC	S	A	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00786-00002	0.32	1.82	0.21	0.45	12	0.02	-	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-27-00792-00001	0.34	1.93	0.21	0.45	10	0.02	-	-	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-27-00798-00001	0.35	1.99	0.21	0.45	8	0.02	-	-	SC	S	A	-	-	-	
	Low-E4® PassiveSun™	No Grilles	AND-N-27-00783-00001	0.35	1.99	0.53	0.61	27	0.02	-	-	-	-	A	B	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00783-00002	0.35	1.99	0.48	0.55	24	0.02	-	-	-	-	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-27-00789-00001	0.36	2.04	0.48	0.55	23	0.02	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-27-00795-00001	0.37	2.10	0.48	0.55	22	0.02	-	-	-	-	-	-	-	-	
	<b>4.7 Annealed, 4.7 or Tempered Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00784-00003	0.33	1.87	0.27	0.44	14	0.02	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00785-00003	0.33	1.87	0.17	0.24	9	0.02	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00786-00003	0.32	1.82	0.19	0.40	11	0.02	-	NC	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00783-00003	0.35	1.99	0.43	0.49	21	0.02	-	-	-	-	A	-	-	-	
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
	Low-E4®	No Grilles	AND-N-27-00865-00001	0.33	1.87	0.33	0.57	18	0.02	-	-	-	-	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00865-00002	0.33	1.87	0.30	0.51	16	0.02	-	-	SC	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-27-00871-00001	0.35	1.99	0.30	0.51	14	0.02	-	-	SC	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-27-00877-00001	0.33	1.87	0.30	0.51	16	0.02	-	-	SC	-	-	-	-	-	
	Low-E4® Sun	No Grilles	AND-N-27-00867-00001	0.34	1.93	0.21	0.32	10	0.02	-	-	SC	S	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00867-00002	0.34	1.93	0.19	0.28	9	0.02	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-27-00873-00001	0.35	1.99	0.19	0.28	7	0.02	-	-	SC	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-27-00879-00001	0.34	1.93	0.19	0.28	9	0.02	-	-	SC	S	-	-	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-27-00868-00001	0.33	1.87	0.22	0.51	12	0.02	-	-	SC	S	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00868-00002	0.33	1.87	0.20	0.46	10	0.02	-	-	SC	S	-	-	-	-		
	Full Divided Lite (FDL)	AND-N-27-00874-00001	0.34	1.93	0.20	0.46	9	0.02	-	-	SC	S	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-27-00880-00001	0.33	1.87	0.20	0.46	10	0.02	-	-	SC	S	-	-	-	-		

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Tilt-Wash Double-Hung Picture Window (w/ Capillary Breather Tubes)	Low-E4® PassiveSun™	No Grilles	AND-N-27-00864-00001	0.35	1.99	0.52	0.63	26	0.02	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00864-00002	0.35	1.99	0.47	0.56	23	0.02	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-27-00870-00001	0.36	2.04	0.47	0.56	22	0.02	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-27-00876-00001	0.35	1.99	0.47	0.56	23	0.02	-	-	-	-	-	-	-	-
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00865-00003	0.33	1.87	0.27	0.45	14	0.02	-	-	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00867-00003	0.34	1.93	0.17	0.25	7	0.02	-	-	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00868-00003	0.33	1.87	0.18	0.41	9	0.02	-	-	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00864-00003	0.35	1.99	0.42	0.49	20	0.02	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-27-00865-00004	0.33	1.87	0.33	0.56	18	0.02	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00865-00005	0.33	1.87	0.30	0.50	16	0.02	-	-	SC	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-27-00871-00002	0.35	1.99	0.30	0.50	14	0.02	-	-	SC	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-27-00877-00002	0.33	1.87	0.30	0.50	16	0.02	-	-	SC	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-27-00867-00004	0.34	1.93	0.21	0.31	10	0.02	-	-	SC	S	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00867-00005	0.34	1.93	0.19	0.27	9	0.02	-	-	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-27-00873-00002	0.35	1.99	0.19	0.27	7	0.02	-	-	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-27-00879-00002	0.34	1.93	0.19	0.27	9	0.02	-	-	SC	S	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-27-00868-00004	0.33	1.87	0.22	0.51	12	0.02	-	-	SC	S	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00868-00005	0.33	1.87	0.20	0.45	10	0.02	-	-	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-27-00874-00002	0.34	1.93	0.20	0.45	9	0.02	-	-	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-27-00880-00002	0.33	1.87	0.20	0.45	10	0.02	-	-	SC	S	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-27-00864-00004	0.35	1.99	0.51	0.62	26	0.02	-	-	-	-	-	A	B	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00864-00005	0.35	1.99	0.45	0.55	22	0.02	-	-	-	-	-	A	-	-
		Full Divided Lite (FDL)	AND-N-27-00870-00002	0.36	2.04	0.45	0.55	21	0.02	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-27-00876-00002	0.35	1.99	0.45	0.55	22	0.02	-	-	-	-	-	A	-	-
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00865-00006	0.33	1.87	0.27	0.45	14	0.02	-	-	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00867-00006	0.34	1.93	0.17	0.24	7	0.02	-	-	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00868-00006	0.33	1.87	0.18	0.40	9	0.02	-	-	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-27-00864-00006	0.35	1.99	0.41	0.49	20	0.02	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Zone A	Zone B	Zone C	Zone D	
										N	NC	SC	S	A	B	C	D
<b>2.2 Annealed Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles		AND-N-54-01085-00001	0.27	1.53	0.35	0.60	27	0.01	N	NC	-	-	A	B	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-54-01085-00002	0.27	1.53	0.31	0.54	24	0.01	N	NC	-	-	A	B	-	-
	Full Divided Lite (FDL)		AND-N-54-01092-00001	0.28	1.59	0.31	0.54	23	0.01	N	NC	-	-	A	B	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-54-01099-00001	0.27	1.53	0.31	0.54	24	0.01	N	NC	-	-	A	B	-	-
Low-E4® Sun	No Grilles		AND-N-54-01087-00001	0.27	1.53	0.21	0.33	19	0.01	N	NC	SC	S	A	B	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-54-01087-00002	0.27	1.53	0.19	0.30	17	0.01	N	NC	SC	S	A	B	-	-
	Full Divided Lite (FDL)		AND-N-54-01094-00001	0.29	1.65	0.19	0.30	15	0.01	N	NC	SC	S	A	B	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-54-01101-00001	0.27	1.53	0.19	0.30	17	0.01	N	NC	SC	S	A	B	-	-
Low-E4® SmartSun™	No Grilles		AND-N-54-01088-00001	0.26	1.48	0.23	0.54	21	0.01	N	NC	SC	S	A	B	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-54-01088-00002	0.26	1.48	0.21	0.49	20	0.01	N	NC	SC	S	A	B	-	-
	Full Divided Lite (FDL)		AND-N-54-01095-00001	0.28	1.59	0.21	0.49	17	0.01	N	NC	SC	S	A	B	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-54-01102-00001	0.26	1.48	0.21	0.49	20	0.01	N	NC	SC	S	A	B	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-54-01084-00001	0.29	1.65	0.59	0.66	38	0.01	N	-	-	-	A	B	C	D
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-54-01084-00002	0.29	1.65	0.53	0.59	34	0.01	N	-	-	-	A	B	C	D
	Full Divided Lite (FDL)		AND-N-54-01091-00001	0.30	1.70	0.53	0.59	33	0.01	N	-	-	-	A	B	C	-
	Finelight™ (grilles-between-the-glass)		AND-N-54-01098-00001	0.29	1.65	0.53	0.59	34	0.01	N	-	-	-	A	B	C	D
<b>2.2 Annealed Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-54-01085-00003	0.27	1.53	0.28	0.48	23	0.01	N	NC	SC	-	A	B	-	-
	Full Divided Lite (FDL)		AND-N-54-01322-00001	0.28	1.59	0.28	0.48	21	0.01	N	NC	SC	-	A	B	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-54-01428-00001	0.28	1.59	0.31	0.54	23	0.01	N	NC	-	-	A	B	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-54-01087-00003	0.27	1.53	0.17	0.27	16	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-54-01323-00001	0.28	1.59	0.18	0.27	15	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-54-01429-00001	0.29	1.65	0.19	0.30	15	0.01	N	NC	SC	S	A	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-54-01088-00003	0.26	1.48	0.19	0.43	18	0.01	N	NC	SC	S	A	B	-	-
	Full Divided Lite (FDL)		AND-N-54-01324-00001	0.27	1.53	0.19	0.43	17	0.01	N	NC	SC	S	A	B	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-54-01430-00001	0.28	1.59	0.21	0.49	17	0.01	N	NC	SC	S	A	B	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-54-01084-00003	0.29	1.65	0.48	0.53	31	0.01	N	-	-	-	A	B	C	-
	Full Divided Lite (FDL)		AND-N-54-01321-00001	0.29	1.65	0.47	0.53	31	0.01	N	-	-	-	A	B	C	-
	Finelight™ (grilles-between-the-glass)		AND-N-54-01427-00001	0.29	1.65	0.52	0.59	34	0.01	N	-	-	-	A	B	C	D
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles		AND-N-54-01043-00001	0.27	1.53	0.34	0.60	26	0.01	N	NC	-	-	A	B	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-54-01043-00002	0.27	1.53	0.31	0.53	24	0.01	N	NC	-	-	A	B	-	-
	Full Divided Lite (FDL)		AND-N-54-01050-00001	0.28	1.59	0.31	0.53	23	0.01	N	NC	-	-	A	B	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-54-01057-00001	0.27	1.53	0.31	0.53	24	0.01	N	NC	-	-	A	B	-	-
Low-E4® Sun	No Grilles		AND-N-54-01045-00001	0.27	1.53	0.21	0.33	19	0.01	N	NC	SC	S	A	B	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-54-01045-00002	0.27	1.53	0.19	0.30	17	0.01	N	NC	SC	S	A	B	-	-
	Full Divided Lite (FDL)		AND-N-54-01052-00001	0.29	1.65	0.19	0.30	15	0.01	N	NC	SC	S	A	B	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-54-01059-00001	0.27	1.53	0.19	0.30	17	0.01	N	NC	SC	S	A	B	-	-
Low-E4® SmartSun™	No Grilles		AND-N-54-01046-00001	0.26	1.48	0.23	0.54	21	0.01	N	NC	SC	S	A	B	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-54-01046-00002	0.26	1.48	0.21	0.48	20	0.01	N	NC	SC	S	A	B	-	-
	Full Divided Lite (FDL)		AND-N-54-01053-00001	0.28	1.59	0.21	0.48	17	0.01	N	NC	SC	S	A	B	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-54-01060-00001	0.26	1.48	0.21	0.48	20	0.01	N	NC	SC	S	A	B	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-54-01042-00001	0.29	1.65	0.58	0.65	37	0.01	N	-	-	-	A	B	C	D
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-54-01042-00002	0.29	1.65	0.52	0.59	34	0.01	N	-	-	-	A	B	C	D
	Full Divided Lite (FDL)		AND-N-54-01049-00001	0.30	1.70	0.52	0.59	33	0.01	N	-	-	-	A	B	C	-
	Finelight™ (grilles-between-the-glass)		AND-N-54-01056-00001	0.29	1.65	0.52	0.59	34	0.01	N	-	-	-	A	B	C	D
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-54-01043-00003	0.27	1.53	0.28	0.47	23	0.01	N	NC	SC	-	A	B	-	-
	Full Divided Lite (FDL)		AND-N-54-01310-00001	0.28	1.59	0.28	0.47	21	0.01	N	NC	SC	-	A	B	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-54-01416-00001	0.27	1.53	0.31	0.53	24	0.01	N	NC	-	-	A	B	-	-

400 Series  
Picture Window

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										N	NC	SC	S	A	B	C	D
400 Series Picture Window	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01045-00003	0.27	1.53	0.17	0.26	16	0.01	N	NC	SC	S	A	B	C	D
		Full Divided Lite (FDL)	AND-N-54-01311-00001	0.28	1.59	0.17	0.26	15	0.01	N	NC	SC	S	A	B	C	D
		Finelight™ (grilles-between-the-glass)	AND-N-54-01417-00001	0.27	1.53	0.19	0.30	17	0.01	N	NC	SC	S	A	B	C	D
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01046-00003	0.26	1.48	0.19	0.43	18	0.01	N	NC	SC	S	A	B	C	D
		Full Divided Lite (FDL)	AND-N-54-01312-00001	0.27	1.53	0.19	0.43	17	0.01	N	NC	SC	S	A	B	C	D
		Finelight™ (grilles-between-the-glass)	AND-N-54-01418-00001	0.26	1.48	0.21	0.48	20	0.01	N	NC	SC	S	A	B	C	D
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01042-00003	0.29	1.65	0.47	0.52	31	0.01	N	-	-	-	A	B	C	D
		Full Divided Lite (FDL)	AND-N-54-01309-00001	0.29	1.65	0.46	0.52	30	0.01	N	-	-	-	A	B	C	D
		Finelight™ (grilles-between-the-glass)	AND-N-54-01415-00001	0.28	1.59	0.51	0.59	35	0.01	N	-	-	-	A	B	C	D
	<b>3.9 Annealed, or 3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-54-01064-00001	0.26	1.48	0.34	0.59	27	0.01	N	NC	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01064-00002	0.26	1.48	0.31	0.53	25	0.01	N	NC	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01071-00001	0.28	1.59	0.31	0.53	23	0.01	N	NC	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01078-00001	0.26	1.48	0.31	0.53	25	0.01	N	NC	-	-	A	B	-	-
	Low-E4® Sun	No Grilles	AND-N-54-01066-00001	0.27	1.53	0.21	0.32	19	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01066-00002	0.27	1.53	0.19	0.29	17	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01073-00001	0.28	1.59	0.19	0.29	16	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01080-00001	0.27	1.53	0.19	0.29	17	0.01	N	NC	SC	S	A	B	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-54-01067-00001	0.26	1.48	0.23	0.53	21	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01067-00002	0.26	1.48	0.21	0.48	20	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01074-00001	0.27	1.53	0.21	0.48	19	0.01	N	NC	SC	S	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01081-00001	0.26	1.48	0.21	0.48	20	0.01	N	NC	SC	S	A	B	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-54-01063-00001	0.28	1.59	0.56	0.65	37	0.01	N	-	-	-	A	B	C	D
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01063-00002	0.28	1.59	0.51	0.58	35	0.01	N	-	-	-	A	B	C	D
		Full Divided Lite (FDL)	AND-N-54-01070-00001	0.30	1.70	0.51	0.58	32	0.01	N	-	-	-	A	B	C	D
		Finelight™ (grilles-between-the-glass)	AND-N-54-01077-00001	0.28	1.59	0.51	0.58	35	0.01	N	-	-	-	A	B	C	D
	<b>3.9 Annealed, or 3.9 Tempered Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01064-00003	0.26	1.48	0.28	0.47	24	0.01	N	NC	SC	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01316-00001	0.27	1.53	0.28	0.47	23	0.01	N	NC	SC	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01422-00001	0.28	1.59	0.31	0.53	23	0.01	N	NC	-	-	A	B	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01066-00003	0.27	1.53	0.17	0.26	16	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01317-00001	0.28	1.59	0.17	0.26	15	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01423-00001	0.28	1.59	0.19	0.29	16	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01067-00003	0.26	1.48	0.19	0.42	18	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01318-00001	0.27	1.53	0.19	0.42	17	0.01	N	NC	SC	S	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01424-00001	0.27	1.53	0.21	0.48	19	0.01	N	NC	SC	S	A	B	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01063-00003	0.28	1.59	0.46	0.52	32	0.01	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-54-01315-00001	0.28	1.59	0.45	0.52	31	0.01	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01421-00001	0.28	1.59	0.50	0.58	34	0.01	N	-	-	-	A	B	C	D
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-54-01232-00001	0.27	1.53	0.34	0.60	26	0.01	N	NC	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01232-00002	0.27	1.53	0.31	0.53	24	0.01	N	NC	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01238-00001	0.29	1.65	0.31	0.53	22	0.01	N	NC	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01244-00001	0.27	1.53	0.31	0.53	24	0.01	N	NC	-	-	A	B	-	-
	Low-E4® Sun	No Grilles	AND-N-54-01234-00001	0.28	1.59	0.21	0.33	17	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01234-00002	0.28	1.59	0.19	0.30	16	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01240-00001	0.29	1.65	0.19	0.30	15	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01246-00001	0.28	1.59	0.19	0.30	16	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-54-01235-00001	0.27	1.53	0.23	0.54	20	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01235-00002	0.27	1.53	0.21	0.48	19	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01241-00001	0.28	1.59	0.21	0.48	17	0.01	N	NC	SC	S	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01247-00001	0.27	1.53	0.21	0.48	19	0.01	N	NC	SC	S	A	B	-	-



Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010					
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
										N	NC	SC	S	A	B	C	D	
400 Series Picture Window	Low-E4® PassiveSun™	No Grilles	AND-N-54-01231-00001	0.29	1.65	0.54	0.65	35	0.01	N	-	-	-	-	A	B	C	D
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01231-00002	0.29	1.65	0.49	0.59	32	0.01	N	-	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-54-01237-00001	0.31	1.76	0.49	0.59	30	0.01	N	-	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01243-00001	0.29	1.65	0.49	0.59	32	0.01	N	-	-	-	-	A	B	C	-
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01232-00003	0.27	1.53	0.28	0.47	23	0.01	N	NC	SC	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01364-00001	0.28	1.59	0.28	0.47	21	0.01	N	NC	SC	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01458-00001	0.27	1.53	0.31	0.53	24	0.01	N	NC	-	-	-	A	B	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01234-00003	0.28	1.59	0.17	0.26	15	0.01	N	NC	SC	S	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01365-00001	0.29	1.65	0.17	0.26	14	0.01	N	NC	SC	S	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01459-00001	0.28	1.59	0.19	0.30	16	0.01	N	NC	SC	S	-	A	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01235-00003	0.27	1.53	0.19	0.43	17	0.01	N	NC	SC	S	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01366-00001	0.28	1.59	0.19	0.43	16	0.01	N	NC	SC	S	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01460-00001	0.26	1.48	0.21	0.48	20	0.01	N	NC	SC	S	-	A	B	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01231-00003	0.29	1.65	0.44	0.52	29	0.01	N	-	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-54-01363-00001	0.29	1.65	0.43	0.52	29	0.01	N	-	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01457-00001	0.28	1.59	0.48	0.59	33	0.01	N	-	-	-	-	A	B	C	-
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
	Low-E4®	No Grilles	AND-N-54-01232-00004	0.27	1.53	0.34	0.59	26	0.01	N	NC	-	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01232-00005	0.27	1.53	0.31	0.53	24	0.01	N	NC	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01238-00002	0.29	1.65	0.31	0.53	22	0.01	N	NC	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01244-00002	0.27	1.53	0.31	0.53	24	0.01	N	NC	-	-	-	A	B	-	-
	Low-E4® Sun	No Grilles	AND-N-54-01234-00004	0.28	1.59	0.21	0.32	17	0.01	N	NC	SC	S	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01234-00005	0.28	1.59	0.19	0.29	16	0.01	N	NC	SC	S	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01240-00002	0.29	1.65	0.19	0.29	15	0.01	N	NC	SC	S	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01246-00002	0.28	1.59	0.19	0.29	16	0.01	N	NC	SC	S	-	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-54-01235-00004	0.27	1.53	0.23	0.53	20	0.01	N	NC	SC	S	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01235-00005	0.27	1.53	0.21	0.48	19	0.01	N	NC	SC	S	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01241-00002	0.28	1.59	0.21	0.48	17	0.01	N	NC	SC	S	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01247-00002	0.27	1.53	0.21	0.48	19	0.01	N	NC	SC	S	-	A	B	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-54-01231-00004	0.29	1.65	0.53	0.65	34	0.01	N	-	-	-	-	A	B	C	D
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01231-00005	0.29	1.65	0.47	0.58	31	0.01	N	-	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-54-01237-00002	0.31	1.76	0.47	0.58	29	0.01	N	-	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01243-00002	0.29	1.65	0.47	0.58	31	0.01	N	-	-	-	-	A	B	C	-
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01232-00006	0.27	1.53	0.28	0.47	23	0.01	N	NC	SC	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01316-00002	0.27	1.53	0.28	0.47	23	0.01	N	NC	SC	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01422-00002	0.28	1.59	0.31	0.53	23	0.01	N	NC	-	-	-	A	B	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01234-00006	0.28	1.59	0.17	0.26	15	0.01	N	NC	SC	S	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01317-00002	0.28	1.59	0.17	0.26	15	0.01	N	NC	SC	S	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01423-00002	0.28	1.59	0.19	0.29	16	0.01	N	NC	SC	S	-	A	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01235-00006	0.27	1.53	0.19	0.42	17	0.01	N	NC	SC	S	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01318-00002	0.27	1.53	0.19	0.42	17	0.01	N	NC	SC	S	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01424-00002	0.27	1.53	0.21	0.48	19	0.01	N	NC	SC	S	-	A	B	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01231-00006	0.29	1.65	0.42	0.52	28	0.01	N	-	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01315-00002	0.28	1.59	0.42	0.52	29	0.01	N	-	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01421-00002	0.28	1.59	0.47	0.58	32	0.01	N	-	-	-	-	A	B	C	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Zone A	Zone B	Zone C	Zone D
<b>2.2 Annealed Glass - w/ No Grilles and Grilles Less Than 1"</b>																
Low-E4®	No Grilles	AND-N-54-00878-00001	0.31	1.76	0.35	0.60	22	0.01	N	NC	-	-	A	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00878-00002	0.31	1.76	0.32	0.54	20	0.01	-	NC	-	-	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-00885-00001	0.32	1.82	0.32	0.54	19	0.01	-	NC	-	-	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-00892-00001	0.31	1.76	0.32	0.54	20	0.01	-	NC	-	-	A	-	-	
Low-E4® Sun	No Grilles	AND-N-54-00880-00001	0.31	1.76	0.22	0.33	14	0.01	-	NC	SC	S	A	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00880-00002	0.31	1.76	0.20	0.30	13	0.01	-	NC	SC	S	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-00887-00001	0.33	1.87	0.20	0.30	11	0.01	-	-	SC	S	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-00894-00001	0.31	1.76	0.20	0.30	13	0.01	-	NC	SC	S	A	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-54-00881-00001	0.30	1.70	0.23	0.54	16	0.01	N	NC	SC	S	A	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00881-00002	0.30	1.70	0.21	0.49	15	0.01	N	NC	SC	S	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-00888-00001	0.32	1.82	0.21	0.49	12	0.01	-	NC	SC	S	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-00895-00001	0.30	1.70	0.21	0.49	15	0.01	N	NC	SC	S	A	-	-	
Low-E4® PassiveSun™	No Grilles	AND-N-54-00877-00001	0.32	1.82	0.59	0.66	34	0.01	N	-	-	-	A	B	C	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00877-00002	0.32	1.82	0.53	0.59	31	0.01	N	-	-	-	A	B	C	
	Full Divided Lite (FDL)	AND-N-54-00884-00001	0.34	1.93	0.53	0.59	28	0.01	-	-	-	-	A	B	C	
	Finelight™ (grilles-between-the-glass)	AND-N-54-00891-00001	0.32	1.82	0.53	0.59	31	0.01	N	-	-	-	A	B	C	
<b>2.2 Annealed Glass - w/ Grilles 1" or Greater</b>																
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00878-00003	0.31	1.76	0.28	0.48	18	0.01	-	NC	SC	-	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-01263-00001	0.32	1.82	0.28	0.48	16	0.01	-	NC	SC	-	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-01381-00001	0.32	1.82	0.32	0.54	19	0.01	-	NC	-	-	A	-	-	
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00880-00003	0.31	1.76	0.18	0.27	12	0.01	-	NC	SC	S	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-01264-00001	0.32	1.82	0.18	0.27	10	0.01	-	NC	SC	S	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-01382-00001	0.33	1.87	0.20	0.30	11	0.01	-	-	SC	S	A	-	-	
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00881-00003	0.30	1.70	0.19	0.43	14	0.01	N	NC	SC	S	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-01265-00001	0.31	1.76	0.19	0.43	12	0.01	-	NC	SC	S	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-01383-00001	0.32	1.82	0.21	0.49	12	0.01	-	NC	SC	S	A	-	-	
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00877-00003	0.32	1.82	0.47	0.53	27	0.01	N	-	-	-	A	B	C	
	Full Divided Lite (FDL)	AND-N-54-01262-00001	0.32	1.82	0.47	0.53	27	0.01	N	-	-	-	A	B	C	
	Finelight™ (grilles-between-the-glass)	AND-N-54-01380-00001	0.33	1.87	0.52	0.59	29	0.01	-	-	-	-	A	B	C	
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
Low-E4®	No Grilles	AND-N-54-00836-00001	0.30	1.70	0.35	0.60	23	0.01	N	NC	-	-	A	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00836-00002	0.30	1.70	0.31	0.53	21	0.01	N	NC	-	-	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-00843-00001	0.32	1.82	0.31	0.53	18	0.01	-	NC	-	-	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-00850-00001	0.30	1.70	0.31	0.53	21	0.01	N	NC	-	-	A	-	-	
Low-E4® Sun	No Grilles	AND-N-54-00838-00001	0.31	1.76	0.21	0.33	13	0.01	-	NC	SC	S	A	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00838-00002	0.31	1.76	0.19	0.30	12	0.01	-	NC	SC	S	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-00845-00001	0.33	1.87	0.19	0.30	10	0.01	-	-	SC	S	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-00852-00001	0.31	1.76	0.19	0.30	12	0.01	-	NC	SC	S	A	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-54-00839-00001	0.30	1.70	0.23	0.54	16	0.01	N	NC	SC	S	A	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00839-00002	0.30	1.70	0.21	0.48	15	0.01	N	NC	SC	S	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-00846-00001	0.32	1.82	0.21	0.48	12	0.01	-	NC	SC	S	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-00853-00001	0.30	1.70	0.21	0.48	15	0.01	N	NC	SC	S	A	-	-	
Low-E4® PassiveSun™	No Grilles	AND-N-54-00835-00001	0.32	1.82	0.58	0.65	34	0.01	N	-	-	-	A	B	C	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00835-00002	0.32	1.82	0.52	0.59	30	0.01	N	-	-	-	A	B	C	
	Full Divided Lite (FDL)	AND-N-54-00842-00001	0.34	1.93	0.52	0.59	28	0.01	-	-	-	-	A	B	C	
	Finelight™ (grilles-between-the-glass)	AND-N-54-00849-00001	0.32	1.82	0.52	0.59	30	0.01	N	-	-	-	A	B	C	
<b>3.1 Annealed, 3.1 or Tempered Glass - w/ Grilles 1" or Greater</b>																
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00836-00003	0.30	1.70	0.28	0.47	19	0.01	N	NC	SC	-	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-01251-00001	0.32	1.82	0.28	0.47	16	0.01	-	NC	SC	-	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-01369-00001	0.30	1.70	0.31	0.53	21	0.01	N	NC	-	-	A	-	-	

400 Series  
Picture Window  
(w/ Capillary  
Breather Tubes)

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										-	NC	SC	SS	-	-	-	-
400 Series Picture Window (w/ Capillary Breather Tubes)	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00838-00003	0.31	1.76	0.18	0.26	12	0.01	-	NC	SC	SS	-	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01252-00001	0.32	1.82	0.18	0.26	10	0.01	-	NC	SC	SS	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01370-00001	0.31	1.76	0.20	0.30	13	0.01	-	NC	SC	SS	A	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00839-00003	0.30	1.70	0.19	0.43	14	0.01	N	NC	SC	SS	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01253-00001	0.31	1.76	0.19	0.43	12	0.01	-	NC	SC	SS	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01371-00001	0.30	1.70	0.21	0.48	15	0.01	N	NC	SC	SS	A	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00835-00003	0.32	1.82	0.47	0.52	27	0.01	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01250-00001	0.32	1.82	0.46	0.52	27	0.01	N	-	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01368-00001	0.31	1.76	0.51	0.59	31	0.01	N	-	-	-	A	B	C	-
	<b>3.9 Annealed, or 3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-54-00857-00001	0.30	1.70	0.34	0.59	22	0.01	N	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00857-00002	0.30	1.70	0.31	0.53	21	0.01	N	NC	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-00864-00001	0.32	1.82	0.31	0.53	18	0.01	-	NC	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-00871-00001	0.30	1.70	0.31	0.53	21	0.01	N	NC	-	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-54-00859-00001	0.30	1.70	0.21	0.32	15	0.01	N	NC	SC	SS	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00859-00002	0.30	1.70	0.19	0.29	14	0.01	N	NC	SC	SS	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-00866-00001	0.32	1.82	0.19	0.29	11	0.01	-	NC	SC	SS	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-00873-00001	0.30	1.70	0.19	0.29	14	0.01	N	NC	SC	SS	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-54-00860-00001	0.29	1.65	0.23	0.53	17	0.01	N	NC	SC	SS	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00860-00002	0.29	1.65	0.21	0.48	16	0.01	-	NC	SC	SS	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-00867-00001	0.31	1.76	0.21	0.48	13	0.01	-	NC	SC	SS	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-00874-00001	0.29	1.65	0.21	0.48	16	0.01	N	NC	SC	SS	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-54-00856-00001	0.32	1.82	0.56	0.65	32	0.01	N	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00856-00002	0.32	1.82	0.51	0.58	30	0.01	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-54-00863-00001	0.33	1.87	0.51	0.58	28	0.01	-	-	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-00870-00001	0.32	1.82	0.51	0.58	30	0.01	N	-	-	-	A	B	C	-
	<b>3.9 Annealed, 3.9 or Tempered Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00857-00003	0.30	1.70	0.28	0.47	19	0.01	N	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01257-00001	0.31	1.76	0.28	0.47	18	0.01	-	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01375-00001	0.32	1.82	0.31	0.53	18	0.01	-	NC	-	-	A	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00859-00003	0.30	1.70	0.17	0.26	12	0.01	N	NC	SC	SS	-	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01258-00001	0.32	1.82	0.17	0.26	10	0.01	-	NC	SC	SS	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01376-00001	0.32	1.82	0.19	0.29	11	0.01	-	NC	SC	SS	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00860-00003	0.29	1.65	0.19	0.42	15	0.01	N	NC	SC	SS	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01259-00001	0.31	1.76	0.19	0.42	12	0.01	-	NC	SC	SS	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01377-00001	0.31	1.76	0.21	0.48	13	0.01	-	NC	SC	SS	A	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00856-00003	0.32	1.82	0.45	0.52	26	0.01	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01256-00001	0.32	1.82	0.45	0.52	26	0.01	N	-	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01374-00001	0.32	1.82	0.50	0.58	29	0.01	N	-	-	-	A	B	C	-
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-54-01025-00001	0.31	1.76	0.35	0.60	22	0.01	N	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01025-00002	0.31	1.76	0.31	0.53	19	0.01	-	NC	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01031-00001	0.33	1.87	0.31	0.53	17	0.01	-	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01037-00001	0.31	1.76	0.31	0.53	19	0.01	-	NC	-	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-54-01027-00001	0.31	1.76	0.21	0.33	13	0.01	-	NC	SC	SS	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01027-00002	0.31	1.76	0.19	0.30	12	0.01	-	NC	SC	SS	-	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01033-00001	0.33	1.87	0.19	0.30	10	0.01	-	-	SC	SS	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01039-00001	0.31	1.76	0.19	0.30	12	0.01	-	NC	SC	SS	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-54-01028-00001	0.30	1.70	0.23	0.54	16	0.01	N	NC	SC	SS	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01028-00002	0.30	1.70	0.21	0.48	15	0.01	-	NC	SC	SS	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01034-00001	0.32	1.82	0.21	0.48	12	0.01	-	NC	SC	SS	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01040-00001	0.30	1.70	0.21	0.48	15	0.01	N	NC	SC	SS	A	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										-	-	-	-	-	-	-	-
400 Series Picture Window (w/ Capillary Breather Tubes)	Low-E4® PassiveSun™	No Grilles	AND-N-54-01024-00001	0.33	1.87	0.54	0.65	30	0.01	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01024-00002	0.33	1.87	0.49	0.59	27	0.01	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01030-00001	0.34	1.93	0.49	0.59	26	0.01	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01036-00001	0.33	1.87	0.49	0.59	27	0.01	-	-	-	-	-	-	-	-
	3.1 Pattern Glass - w/ Grilles 1" or Greater																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01025-00003	0.31	1.76	0.28	0.47	18	0.01	-	NC	SC	-	-	A	-	-
		Full Divided Lite (FDL)	AND-N-54-01305-00001	0.32	1.82	0.28	0.47	16	0.01	-	NC	SC	-	-	A	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01411-00001	0.31	1.76	0.31	0.53	19	0.01	-	NC	-	-	-	A	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01027-00003	0.31	1.76	0.18	0.26	12	0.01	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01306-00001	0.32	1.82	0.18	0.26	10	0.01	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01412-00001	0.31	1.76	0.20	0.30	13	0.01	-	NC	SC	S	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01028-00003	0.30	1.70	0.19	0.43	14	0.01	N	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01307-00001	0.32	1.82	0.19	0.43	11	0.01	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01413-00001	0.30	1.70	0.21	0.48	15	0.01	N	NC	SC	S	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01024-00003	0.33	1.87	0.44	0.52	24	0.01	-	-	-	-	-	A	-	-
		Full Divided Lite (FDL)	AND-N-54-01304-00001	0.33	1.87	0.43	0.52	24	0.01	-	-	-	-	-	A	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01410-00001	0.31	1.76	0.48	0.59	29	0.01	N	-	-	-	-	A	B	C
	3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"																
	Low-E4®	No Grilles	AND-N-54-01025-00004	0.31	1.76	0.34	0.59	21	0.01	-	NC	-	-	-	A	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01025-00005	0.31	1.76	0.31	0.53	19	0.01	-	NC	-	-	-	A	-	-
		Full Divided Lite (FDL)	AND-N-54-01031-00002	0.33	1.87	0.31	0.53	17	0.01	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01037-00002	0.31	1.76	0.31	0.53	19	0.01	-	NC	-	-	-	A	-	-
	Low-E4® Sun	No Grilles	AND-N-54-01027-00004	0.31	1.76	0.21	0.32	13	0.01	-	NC	SC	S	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01027-00005	0.31	1.76	0.19	0.29	12	0.01	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01033-00002	0.33	1.87	0.19	0.29	10	0.01	-	-	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01039-00002	0.31	1.76	0.19	0.29	12	0.01	-	NC	SC	S	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-54-01028-00004	0.30	1.70	0.23	0.53	16	0.01	N	NC	SC	S	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01028-00005	0.30	1.70	0.21	0.48	15	0.01	N	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01034-00002	0.32	1.82	0.21	0.48	12	0.01	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01040-00002	0.30	1.70	0.21	0.48	15	0.01	N	NC	SC	S	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-54-01024-00004	0.33	1.87	0.53	0.65	30	0.01	-	-	-	-	-	A	B	C
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01024-00005	0.33	1.87	0.47	0.58	26	0.01	-	-	-	-	-	A	B	-
		Full Divided Lite (FDL)	AND-N-54-01030-00002	0.34	1.93	0.47	0.58	25	0.01	-	-	-	-	-	A	B	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01036-00002	0.33	1.87	0.47	0.58	26	0.01	-	-	-	-	-	A	B	-
	3.9 Pattern Glass - w/ Grilles 1" or Greater																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01025-00006	0.31	1.76	0.28	0.47	18	0.01	-	NC	SC	-	-	A	-	-
		Full Divided Lite (FDL)	AND-N-54-01257-00002	0.31	1.76	0.28	0.47	18	0.01	-	NC	SC	-	-	A	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01375-00002	0.32	1.82	0.31	0.53	18	0.01	-	NC	-	-	-	A	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01027-00006	0.31	1.76	0.17	0.26	11	0.01	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01258-00002	0.32	1.82	0.17	0.26	10	0.01	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01376-00002	0.32	1.82	0.19	0.29	11	0.01	-	NC	SC	S	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01028-00006	0.30	1.70	0.19	0.42	14	0.01	N	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01259-00002	0.31	1.76	0.19	0.42	12	0.01	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01377-00002	0.31	1.76	0.21	0.48	13	0.01	-	NC	SC	S	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01024-00006	0.33	1.87	0.42	0.52	23	0.01	-	-	-	-	-	A	-	-
		Full Divided Lite (FDL)	AND-N-54-01256-00002	0.32	1.82	0.42	0.52	24	0.01	N	-	-	-	-	A	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01374-00002	0.32	1.82	0.47	0.58	27	0.01	N	-	-	-	-	A	B	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Zone A	Zone B	Zone C	Zone D	
										NC	SC	SS	A	B	C	D	
400 Series Circle/Oval/ Circle Top™ Window	<b>2.2 Annealed Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-54-01085-00001	0.27	1.53	0.35	0.60	27	0.01	N	NC	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01085-00002	0.27	1.53	0.31	0.54	24	0.01	N	NC	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01092-00001	0.28	1.59	0.31	0.54	23	0.01	N	NC	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01099-00001	0.27	1.53	0.31	0.54	24	0.01	N	NC	-	-	A	B	-	-
	Low-E4® Sun	No Grilles	AND-N-54-01087-00001	0.27	1.53	0.21	0.33	19	0.01	N	NC	SC	SS	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01087-00002	0.27	1.53	0.19	0.30	17	0.01	N	NC	SC	SS	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01094-00001	0.29	1.65	0.19	0.30	15	0.01	N	NC	SC	SS	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01101-00001	0.27	1.53	0.19	0.30	17	0.01	N	NC	SC	SS	A	B	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-54-01088-00001	0.26	1.48	0.23	0.54	21	0.01	N	NC	SC	SS	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01088-00002	0.26	1.48	0.21	0.49	20	0.01	N	NC	SC	SS	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01095-00001	0.28	1.59	0.21	0.49	17	0.01	N	NC	SC	SS	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01102-00001	0.26	1.48	0.21	0.49	20	0.01	N	NC	SC	SS	A	B	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-54-01084-00001	0.29	1.65	0.59	0.66	38	0.01	N	-	-	-	A	B	C	D
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01084-00002	0.29	1.65	0.53	0.59	34	0.01	N	-	-	-	A	B	C	D
		Full Divided Lite (FDL)	AND-N-54-01091-00001	0.30	1.70	0.53	0.59	33	0.01	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01098-00001	0.29	1.65	0.53	0.59	34	0.01	N	-	-	-	A	B	C	D
	<b>2.2 Annealed Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01085-00003	0.27	1.53	0.28	0.48	23	0.01	N	NC	SC	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01322-00001	0.28	1.59	0.28	0.48	21	0.01	N	NC	SC	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01428-00001	0.28	1.59	0.31	0.54	23	0.01	N	NC	-	-	A	B	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01087-00003	0.27	1.53	0.17	0.27	16	0.01	N	NC	SC	SS	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01323-00001	0.28	1.59	0.18	0.27	15	0.01	N	NC	SC	SS	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01429-00001	0.29	1.65	0.19	0.30	15	0.01	N	NC	SC	SS	A	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01088-00003	0.26	1.48	0.19	0.43	18	0.01	N	NC	SC	SS	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01324-00001	0.27	1.53	0.19	0.43	17	0.01	N	NC	SC	SS	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01430-00001	0.28	1.59	0.21	0.49	17	0.01	N	NC	SC	SS	A	B	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01084-00003	0.29	1.65	0.48	0.53	31	0.01	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-54-01321-00001	0.29	1.65	0.47	0.53	31	0.01	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01427-00001	0.29	1.65	0.52	0.59	34	0.01	N	-	-	-	A	B	C	D
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-54-01106-00001	0.27	1.53	0.34	0.60	26	0.01	N	NC	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01106-00002	0.27	1.53	0.31	0.53	24	0.01	N	NC	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01113-00001	0.28	1.59	0.31	0.53	23	0.01	N	NC	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01120-00001	0.27	1.53	0.31	0.53	24	0.01	N	NC	-	-	A	B	-	-
	Low-E4® Sun	No Grilles	AND-N-54-01108-00001	0.27	1.53	0.21	0.33	19	0.01	N	NC	SC	SS	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01108-00002	0.27	1.53	0.19	0.30	17	0.01	N	NC	SC	SS	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01115-00001	0.29	1.65	0.19	0.30	15	0.01	N	NC	SC	SS	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01122-00001	0.27	1.53	0.19	0.30	17	0.01	N	NC	SC	SS	A	B	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-54-01109-00001	0.26	1.48	0.23	0.54	21	0.01	N	NC	SC	SS	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01109-00002	0.26	1.48	0.21	0.48	20	0.01	N	NC	SC	SS	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01116-00001	0.28	1.59	0.21	0.48	17	0.01	N	NC	SC	SS	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01123-00001	0.26	1.48	0.21	0.48	20	0.01	N	NC	SC	SS	A	B	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-54-01105-00001	0.29	1.65	0.58	0.65	37	0.01	N	-	-	-	A	B	C	D
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01105-00002	0.29	1.65	0.52	0.59	34	0.01	N	-	-	-	A	B	C	D
		Full Divided Lite (FDL)	AND-N-54-01112-00001	0.30	1.70	0.52	0.59	33	0.01	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01119-00001	0.29	1.65	0.52	0.59	34	0.01	N	-	-	-	A	B	C	D
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01106-00003	0.27	1.53	0.28	0.47	23	0.01	N	NC	SC	-	A	B	-	-	
	Full Divided Lite (FDL)	AND-N-54-01328-00001	0.28	1.59	0.28	0.47	21	0.01	N	NC	SC	-	A	B	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-01434-00001	0.28	1.59	0.31	0.53	23	0.01	N	NC	-	-	A	B	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										N	NC	SC	S	A	B	C	D
400 Series Circle/Oval/ Circle Top™ Window	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01108-00003	0.27	1.53	0.17	0.26	16	0.01	N	NC	SC	S	A	B	C	D
		Full Divided Lite (FDL)	AND-N-54-01329-00001	0.28	1.59	0.17	0.26	15	0.01	N	NC	SC	S	A	B	C	D
		Finelight™ (grilles-between-the-glass)	AND-N-54-01435-00001	0.29	1.65	0.19	0.30	15	0.01	N	NC	SC	S	A	B	C	D
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01109-00003	0.26	1.48	0.19	0.43	18	0.01	N	NC	SC	S	A	B	C	D
		Full Divided Lite (FDL)	AND-N-54-01330-00001	0.27	1.53	0.19	0.43	17	0.01	N	NC	SC	S	A	B	C	D
		Finelight™ (grilles-between-the-glass)	AND-N-54-01436-00001	0.28	1.59	0.21	0.48	17	0.01	N	NC	SC	S	A	B	C	D
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01105-00003	0.29	1.65	0.47	0.52	31	0.01	N	-	-	-	A	B	C	D
		Full Divided Lite (FDL)	AND-N-54-01327-00001	0.29	1.65	0.46	0.52	30	0.01	N	-	-	-	A	B	C	D
		Finelight™ (grilles-between-the-glass)	AND-N-54-01433-00001	0.29	1.65	0.51	0.59	33	0.01	N	-	-	-	A	B	C	D
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-54-01232-00001	0.27	1.53	0.34	0.60	26	0.01	N	NC	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01232-00002	0.27	1.53	0.31	0.53	24	0.01	N	NC	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01238-00001	0.29	1.65	0.31	0.53	22	0.01	N	NC	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01244-00001	0.27	1.53	0.31	0.53	24	0.01	N	NC	-	-	A	B	-	-
	Low-E4® Sun	No Grilles	AND-N-54-01234-00001	0.28	1.59	0.21	0.33	17	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01234-00002	0.28	1.59	0.19	0.30	16	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01240-00001	0.29	1.65	0.19	0.30	15	0.01	N	NC	SC	S	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01246-00001	0.28	1.59	0.19	0.30	16	0.01	N	NC	SC	S	A	B	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-54-01235-00001	0.27	1.53	0.23	0.54	20	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01235-00002	0.27	1.53	0.21	0.48	19	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01241-00001	0.28	1.59	0.21	0.48	17	0.01	N	NC	SC	S	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01247-00001	0.27	1.53	0.21	0.48	19	0.01	N	NC	SC	S	A	B	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-54-01231-00001	0.29	1.65	0.54	0.65	35	0.01	N	-	-	-	A	B	C	D
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01231-00002	0.29	1.65	0.49	0.59	32	0.01	N	-	-	-	A	B	C	D
		Full Divided Lite (FDL)	AND-N-54-01237-00001	0.31	1.76	0.49	0.59	30	0.01	N	-	-	-	A	B	C	D
		Finelight™ (grilles-between-the-glass)	AND-N-54-01243-00001	0.29	1.65	0.49	0.59	32	0.01	N	-	-	-	A	B	C	D
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01232-00003	0.27	1.53	0.28	0.47	23	0.01	N	NC	SC	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01364-00001	0.28	1.59	0.28	0.47	21	0.01	N	NC	SC	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01458-00001	0.27	1.53	0.31	0.53	24	0.01	N	NC	-	-	A	B	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01234-00003	0.28	1.59	0.17	0.26	15	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01365-00001	0.29	1.65	0.17	0.26	14	0.01	N	NC	SC	S	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01459-00001	0.28	1.59	0.19	0.30	16	0.01	N	NC	SC	S	A	B	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01235-00003	0.27	1.53	0.19	0.43	17	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01366-00001	0.28	1.59	0.19	0.43	16	0.01	N	NC	SC	S	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01460-00001	0.26	1.48	0.21	0.48	20	0.01	N	NC	SC	S	A	B	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01231-00003	0.29	1.65	0.44	0.52	29	0.01	N	-	-	-	A	B	C	D
		Full Divided Lite (FDL)	AND-N-54-01363-00001	0.29	1.65	0.43	0.52	29	0.01	N	-	-	-	A	B	C	D
		Finelight™ (grilles-between-the-glass)	AND-N-54-01457-00001	0.28	1.59	0.48	0.59	33	0.01	N	-	-	-	A	B	C	D
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-54-01232-00004	0.27	1.53	0.34	0.59	26	0.01	N	NC	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01232-00005	0.27	1.53	0.31	0.53	24	0.01	N	NC	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01238-00002	0.29	1.65	0.31	0.53	22	0.01	N	NC	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01244-00002	0.27	1.53	0.31	0.53	24	0.01	N	NC	-	-	A	B	-	-
	Low-E4® Sun	No Grilles	AND-N-54-01234-00004	0.28	1.59	0.21	0.32	17	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01234-00005	0.28	1.59	0.19	0.29	16	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01240-00002	0.29	1.65	0.19	0.29	15	0.01	N	NC	SC	S	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01246-00002	0.28	1.59	0.19	0.29	16	0.01	N	NC	SC	S	A	B	-	-
Low-E4® SmartSun™	No Grilles	AND-N-54-01235-00004	0.27	1.53	0.23	0.53	20	0.01	N	NC	SC	S	A	B	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01235-00005	0.27	1.53	0.21	0.48	19	0.01	N	NC	SC	S	A	B	-	-	
	Full Divided Lite (FDL)	AND-N-54-01241-00002	0.28	1.59	0.21	0.48	17	0.01	N	NC	SC	S	A	B	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-01247-00002	0.27	1.53	0.21	0.48	19	0.01	N	NC	SC	S	A	B	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										N	NC	SC	S	A	B	C	D
400 Series Circle/Oval/ Circle Top™ Window	Low-E4® PassiveSun™	No Grilles	AND-N-54-01231-00004	0.29	1.65	0.53	0.65	34	0.01	N	-	-	-	A	B	C	D
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01231-00005	0.29	1.65	0.47	0.58	31	0.01	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-54-01237-00002	0.31	1.76	0.47	0.58	29	0.01	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01243-00002	0.29	1.65	0.47	0.58	31	0.01	N	-	-	-	A	B	C	-
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01232-00006	0.27	1.53	0.28	0.47	23	0.01	N	NC	SC	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01307-00004	0.27	1.53	0.28	0.47	23	0.01	N	NC	SC	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01413-00004	0.28	1.59	0.31	0.53	23	0.01	N	NC	-	-	A	B	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01234-00006	0.28	1.59	0.17	0.26	15	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01307-00005	0.28	1.59	0.17	0.26	15	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01413-00005	0.28	1.59	0.19	0.29	16	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01235-00006	0.27	1.53	0.19	0.42	17	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01307-00006	0.27	1.53	0.19	0.42	17	0.01	N	NC	SC	S	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01413-00006	0.27	1.53	0.21	0.48	19	0.01	N	NC	SC	S	A	B	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01231-00006	0.29	1.65	0.42	0.52	28	0.01	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01307-00003	0.28	1.59	0.42	0.52	29	0.01	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01413-00003	0.28	1.59	0.47	0.58	32	0.01	N	-	-	-	A	B	C	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Zone A	Zone B	Zone C	Zone D
<b>2.2 Annealed Glass - w/ No Grilles and Grilles Less Than 1"</b>																
Low-E4®	No Grilles	AND-N-54-00878-00001	0.31	1.76	0.35	0.60	22	0.01	N	NC	-	-	A	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00878-00002	0.31	1.76	0.32	0.54	20	0.01	-	NC	-	-	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-00885-00001	0.32	1.82	0.32	0.54	19	0.01	-	NC	-	-	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-00892-00001	0.31	1.76	0.32	0.54	20	0.01	-	NC	-	-	A	-	-	
Low-E4® Sun	No Grilles	AND-N-54-00880-00001	0.31	1.76	0.22	0.33	14	0.01	-	NC	SC	S	A	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00880-00002	0.31	1.76	0.20	0.30	13	0.01	-	NC	SC	S	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-00887-00001	0.33	1.87	0.20	0.30	11	0.01	-	-	SC	S	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-00894-00001	0.31	1.76	0.20	0.30	13	0.01	-	NC	SC	S	A	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-54-00881-00001	0.30	1.70	0.23	0.54	16	0.01	N	NC	SC	S	A	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00881-00002	0.30	1.70	0.21	0.49	15	0.01	N	NC	SC	S	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-00888-00001	0.32	1.82	0.21	0.49	12	0.01	-	NC	SC	S	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-00895-00001	0.30	1.70	0.21	0.49	15	0.01	N	NC	SC	S	A	-	-	
Low-E4® PassiveSun™	No Grilles	AND-N-54-00877-00001	0.32	1.82	0.59	0.66	34	0.01	N	-	-	-	A	B	C	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00877-00002	0.32	1.82	0.53	0.59	31	0.01	N	-	-	-	A	B	C	
	Full Divided Lite (FDL)	AND-N-54-00884-00001	0.34	1.93	0.53	0.59	28	0.01	-	-	-	-	A	B	C	
	Finelight™ (grilles-between-the-glass)	AND-N-54-00891-00001	0.32	1.82	0.53	0.59	31	0.01	N	-	-	-	A	B	C	
<b>2.2 Annealed Glass - w/ Grilles 1" or Greater</b>																
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00878-00003	0.31	1.76	0.28	0.48	18	0.01	-	NC	SC	-	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-01263-00001	0.32	1.82	0.28	0.48	16	0.01	-	NC	SC	-	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-01381-00001	0.32	1.82	0.32	0.54	19	0.01	-	NC	-	-	A	-	-	
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00880-00003	0.31	1.76	0.18	0.27	12	0.01	-	NC	SC	S	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-01264-00001	0.32	1.82	0.18	0.27	10	0.01	-	NC	SC	S	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-01382-00001	0.33	1.87	0.20	0.30	11	0.01	-	-	SC	S	A	-	-	
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00881-00003	0.30	1.70	0.19	0.43	14	0.01	N	NC	SC	S	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-01265-00001	0.31	1.76	0.19	0.43	12	0.01	-	NC	SC	S	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-01383-00001	0.32	1.82	0.21	0.49	12	0.01	-	NC	SC	S	A	-	-	
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00877-00003	0.32	1.82	0.47	0.53	27	0.01	N	-	-	-	A	B	C	
	Full Divided Lite (FDL)	AND-N-54-01262-00001	0.32	1.82	0.47	0.53	27	0.01	N	-	-	-	A	B	C	
	Finelight™ (grilles-between-the-glass)	AND-N-54-01380-00001	0.33	1.87	0.52	0.59	29	0.01	-	-	-	-	A	B	C	
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
Low-E4®	No Grilles	AND-N-54-00899-00001	0.31	1.76	0.35	0.60	22	0.01	N	NC	-	-	A	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00899-00002	0.31	1.76	0.31	0.53	19	0.01	-	NC	-	-	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-00906-00001	0.32	1.82	0.31	0.53	18	0.01	-	NC	-	-	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-00913-00001	0.31	1.76	0.31	0.53	19	0.01	-	NC	-	-	A	-	-	
Low-E4® Sun	No Grilles	AND-N-54-00901-00001	0.31	1.76	0.22	0.33	14	0.01	-	NC	SC	S	A	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00901-00002	0.31	1.76	0.20	0.30	13	0.01	-	NC	SC	S	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-00908-00001	0.33	1.87	0.20	0.30	11	0.01	-	-	SC	S	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-00915-00001	0.31	1.76	0.20	0.30	13	0.01	-	NC	SC	S	A	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-54-00902-00001	0.30	1.70	0.23	0.54	16	0.01	N	NC	SC	S	A	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00902-00002	0.30	1.70	0.21	0.48	15	0.01	N	NC	SC	S	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-00909-00001	0.32	1.82	0.21	0.48	12	0.01	-	NC	SC	S	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-00916-00001	0.30	1.70	0.21	0.48	15	0.01	N	NC	SC	S	A	-	-	
Low-E4® PassiveSun™	No Grilles	AND-N-54-00898-00001	0.32	1.82	0.58	0.65	34	0.01	N	-	-	-	A	B	C	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00898-00002	0.32	1.82	0.52	0.59	30	0.01	N	-	-	-	A	B	C	
	Full Divided Lite (FDL)	AND-N-54-00905-00001	0.34	1.93	0.52	0.59	28	0.01	-	-	-	-	A	B	C	
	Finelight™ (grilles-between-the-glass)	AND-N-54-00912-00001	0.32	1.82	0.52	0.59	30	0.01	N	-	-	-	A	B	C	
<b>3.1 Annealed, 3.1 or Tempered Glass - w/ Grilles 1" or Greater</b>																
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00899-00003	0.31	1.76	0.28	0.47	18	0.01	-	NC	SC	-	A	-	-	
	Full Divided Lite (FDL)	AND-N-54-01269-00001	0.32	1.82	0.28	0.47	16	0.01	-	NC	SC	-	A	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-54-01387-00001	0.32	1.82	0.31	0.53	18	0.01	-	NC	-	-	A	-	-	

400 Series  
Circle/Oval/  
Circle Top™  
Window (w/  
Capillary  
Breather Tubes)



Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										-	NC	SC	S	-	-	-	-
400 Series Circle/Oval/ Circle Top™ Window (w/ Capillary Breather Tubes)	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00901-00003	0.31	1.76	0.18	0.26	12	0.01	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01270-00001	0.32	1.82	0.18	0.26	10	0.01	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01388-00001	0.33	1.87	0.20	0.30	11	0.01	-	NC	SC	S	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00902-00003	0.30	1.70	0.19	0.43	14	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01271-00001	0.31	1.76	0.19	0.43	12	0.01	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01389-00001	0.32	1.82	0.21	0.48	12	0.01	-	NC	SC	S	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-00898-00003	0.32	1.82	0.47	0.52	27	0.01	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01268-00001	0.32	1.82	0.46	0.52	27	0.01	N	-	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01386-00001	0.33	1.87	0.51	0.59	28	0.01	-	-	-	-	A	B	-	-
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-54-01025-00001	0.31	1.76	0.35	0.60	22	0.01	N	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01025-00002	0.31	1.76	0.31	0.53	19	0.01	-	NC	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01031-00001	0.33	1.87	0.31	0.53	17	0.01	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01037-00001	0.31	1.76	0.31	0.53	19	0.01	-	NC	-	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-54-01027-00001	0.31	1.76	0.21	0.33	13	0.01	-	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01027-00002	0.31	1.76	0.19	0.30	12	0.01	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01033-00001	0.33	1.87	0.19	0.30	10	0.01	-	-	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01039-00001	0.31	1.76	0.19	0.30	12	0.01	-	NC	SC	S	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-54-01028-00001	0.30	1.70	0.23	0.54	16	0.01	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01028-00002	0.30	1.70	0.21	0.48	15	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01034-00001	0.32	1.82	0.21	0.48	12	0.01	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01040-00001	0.30	1.70	0.21	0.48	15	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-54-01024-00001	0.33	1.87	0.54	0.65	30	0.01	-	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01024-00002	0.33	1.87	0.49	0.59	27	0.01	-	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-54-01030-00001	0.34	1.93	0.49	0.59	26	0.01	-	-	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01036-00001	0.33	1.87	0.49	0.59	27	0.01	-	-	-	-	A	B	-	-
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01025-00003	0.31	1.76	0.28	0.47	18	0.01	-	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01305-00001	0.32	1.82	0.28	0.47	16	0.01	-	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01411-00001	0.31	1.76	0.31	0.53	19	0.01	-	NC	-	-	A	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01027-00003	0.31	1.76	0.18	0.26	12	0.01	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01306-00001	0.32	1.82	0.18	0.26	10	0.01	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01412-00001	0.31	1.76	0.20	0.30	13	0.01	-	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01028-00003	0.30	1.70	0.19	0.43	14	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01307-00001	0.32	1.82	0.19	0.43	11	0.01	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01413-00001	0.30	1.70	0.21	0.48	15	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01024-00003	0.33	1.87	0.44	0.52	24	0.01	-	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01304-00001	0.33	1.87	0.43	0.52	24	0.01	-	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01410-00001	0.31	1.76	0.48	0.59	29	0.01	N	-	-	-	A	B	C	-
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-54-01025-00004	0.31	1.76	0.34	0.59	21	0.01	-	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01025-00005	0.31	1.76	0.31	0.53	19	0.01	-	NC	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01031-00002	0.33	1.87	0.31	0.53	17	0.01	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01037-00002	0.31	1.76	0.31	0.53	19	0.01	-	NC	-	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-54-01027-00004	0.31	1.76	0.21	0.32	13	0.01	-	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01027-00005	0.31	1.76	0.19	0.29	12	0.01	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01033-00002	0.33	1.87	0.19	0.29	10	0.01	-	-	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01039-00002	0.31	1.76	0.19	0.29	12	0.01	-	NC	SC	S	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-54-01028-00004	0.30	1.70	0.23	0.53	16	0.01	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01028-00005	0.30	1.70	0.21	0.48	15	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01034-00002	0.32	1.82	0.21	0.48	12	0.01	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01040-00002	0.30	1.70	0.21	0.48	15	0.01	N	NC	SC	S	A	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010					
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
										-	-	-	-	-	-	-	-	
400 Series Circle/Oval/ Circle Top™ Window (w/ Capillary Breather Tubes)	Low-E4® PassiveSun™	No Grilles	AND-N-54-01024-00004	0.33	1.87	0.53	0.65	30	0.01	-	-	-	-	A	B	C	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01024-00005	0.33	1.87	0.47	0.58	26	0.01	-	-	-	-	A	B	-	-	
		Full Divided Lite (FDL)	AND-N-54-01030-00002	0.34	1.93	0.47	0.58	25	0.01	-	-	-	-	A	B	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-54-01036-00002	0.33	1.87	0.47	0.58	26	0.01	-	-	-	-	A	B	-	-	
	3.9 Pattern Glass - w/ Grilles 1" or Greater																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01025-00006	0.31	1.76	0.28	0.47	18	0.01	-	NC	SC	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01247-00005	0.31	1.76	0.28	0.47	18	0.01	-	NC	SC	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01366-00004	0.32	1.82	0.31	0.53	18	0.01	-	NC	SC	-	-	A	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01027-00006	0.31	1.76	0.17	0.26	11	0.01	-	NC	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01247-00006	0.32	1.82	0.17	0.26	10	0.01	-	NC	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01366-00005	0.32	1.82	0.19	0.29	11	0.01	-	NC	SC	S	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01028-00006	0.30	1.70	0.19	0.42	14	0.01	N	NC	SC	S	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01247-00007	0.31	1.76	0.19	0.42	12	0.01	-	NC	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01366-00006	0.31	1.76	0.21	0.48	13	0.01	-	NC	SC	S	-	A	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-54-01024-00006	0.33	1.87	0.42	0.52	23	0.01	-	-	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-54-01247-00004	0.32	1.82	0.42	0.52	24	0.01	N	-	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-54-01366-00003	0.32	1.82	0.47	0.58	27	0.01	N	-	-	-	-	A	B	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										N	NC	SC	S	A	B	C	D
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles		AND-N-76-00236-00001	0.26	1.48	0.32	0.55	26	0.01	N	NC	-	-	A	B	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-76-00236-00002	0.26	1.48	0.29	0.49	24	0.01	N	NC	SC	-	A	B	-	-
	Full Divided Lite (FDL)		AND-N-76-00243-00001	0.28	1.59	0.29	0.49	22	0.01	N	NC	SC	-	A	B	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-76-00250-00001	0.26	1.48	0.29	0.49	24	0.01	N	NC	SC	-	A	B	-	-
Low-E4® Sun	No Grilles		AND-N-76-00238-00001	0.27	1.53	0.19	0.31	17	0.01	N	NC	SC	S	A	B	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-76-00238-00002	0.27	1.53	0.18	0.27	17	0.01	N	NC	SC	S	A	B	-	-
	Full Divided Lite (FDL)		AND-N-76-00245-00001	0.28	1.59	0.18	0.27	15	0.01	N	NC	SC	S	A	B	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-76-00252-00001	0.27	1.53	0.18	0.27	17	0.01	N	NC	SC	S	A	B	-	-
Low-E4® SmartSun™	No Grilles		AND-N-76-00239-00001	0.26	1.48	0.21	0.49	20	0.01	N	NC	SC	S	A	B	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-76-00239-00002	0.26	1.48	0.19	0.44	18	0.01	N	NC	SC	S	A	B	-	-
	Full Divided Lite (FDL)		AND-N-76-00246-00001	0.27	1.53	0.19	0.44	17	0.01	N	NC	SC	S	A	B	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-76-00253-00001	0.26	1.48	0.19	0.44	18	0.01	N	NC	SC	S	A	B	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-76-00235-00001	0.28	1.59	0.54	0.60	36	0.01	N	-	-	-	A	B	C	D
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-76-00235-00002	0.28	1.59	0.48	0.54	33	0.01	N	-	-	-	A	B	C	-
	Full Divided Lite (FDL)		AND-N-76-00242-00001	0.30	1.70	0.48	0.54	30	0.01	N	-	-	-	A	B	C	-
	Finelight™ (grilles-between-the-glass)		AND-N-76-00249-00001	0.28	1.59	0.48	0.54	33	0.01	N	-	-	-	A	B	C	-
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-76-00236-00003	0.26	1.48	0.26	0.43	23	0.01	N	NC	SC	S	A	B	-	-
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-76-00238-00003	0.27	1.53	0.16	0.24	16	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-76-00239-00003	0.26	1.48	0.17	0.39	17	0.01	N	NC	SC	S	A	B	-	-
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-76-00235-00003	0.28	1.59	0.43	0.48	30	0.01	N	-	-	-	A	B	C	-
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
Low-E4®	No Grilles		AND-N-76-00236-00004	0.26	1.48	0.32	0.55	26	0.01	N	NC	-	-	A	B	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-76-00236-00005	0.26	1.48	0.29	0.49	24	0.01	N	NC	SC	-	A	B	-	-
	Full Divided Lite (FDL)		AND-N-76-00243-00002	0.28	1.59	0.29	0.49	22	0.01	N	NC	SC	-	A	B	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-76-00250-00002	0.26	1.48	0.29	0.49	24	0.01	N	NC	SC	-	A	B	-	-
Low-E4® Sun	No Grilles		AND-N-76-00238-00004	0.27	1.53	0.19	0.31	17	0.01	N	NC	SC	S	A	B	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-76-00238-00005	0.27	1.53	0.18	0.27	17	0.01	N	NC	SC	S	A	B	-	-
	Full Divided Lite (FDL)		AND-N-76-00245-00002	0.28	1.59	0.18	0.27	15	0.01	N	NC	SC	S	A	B	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-76-00252-00002	0.27	1.53	0.18	0.27	17	0.01	N	NC	SC	S	A	B	-	-
Low-E4® SmartSun™	No Grilles		AND-N-76-00239-00004	0.26	1.48	0.21	0.49	20	0.01	N	NC	SC	S	A	B	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-76-00239-00005	0.26	1.48	0.19	0.44	18	0.01	N	NC	SC	S	A	B	-	-
	Full Divided Lite (FDL)		AND-N-76-00246-00002	0.27	1.53	0.19	0.44	17	0.01	N	NC	SC	S	A	B	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-76-00253-00002	0.26	1.48	0.19	0.44	18	0.01	N	NC	SC	S	A	B	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-76-00235-00004	0.28	1.59	0.50	0.60	34	0.01	N	-	-	-	A	B	C	D
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-76-00235-00005	0.28	1.59	0.45	0.54	31	0.01	N	-	-	-	A	B	C	-
	Full Divided Lite (FDL)		AND-N-76-00242-00002	0.30	1.70	0.45	0.54	29	0.01	N	-	-	-	A	B	C	-
	Finelight™ (grilles-between-the-glass)		AND-N-76-00249-00002	0.28	1.59	0.45	0.54	31	0.01	N	-	-	-	A	B	C	-
<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-76-00236-00006	0.26	1.48	0.26	0.43	23	0.01	N	NC	SC	S	A	B	-	-
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-

400 Series Tilt-Wash Transom Window

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										N	NC	SC	S	A	B	C	D
400 Series Tilt- Wash Transom Window	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00238-00006	0.27	1.53	0.16	0.24	16	0.01	N	NC	SC	S	A	B	C	D
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00239-00006	0.26	1.48	0.17	0.39	17	0.01	N	NC	SC	S	A	B	C	D
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00235-00006	0.28	1.59	0.40	0.48	28	0.01	N	NC	SC	S	A	B	C	D
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-76-00320-00001	0.26	1.48	0.31	0.55	25	0.01	N	NC	SC	S	A	B	C	D
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00320-00002	0.26	1.48	0.28	0.49	24	0.01	N	NC	SC	S	A	B	C	D
		Full Divided Lite (FDL)	AND-N-76-00326-00001	0.28	1.59	0.28	0.49	21	0.01	N	NC	SC	S	A	B	C	D
		Finelight™ (grilles-between-the-glass)	AND-N-76-00332-00001	0.26	1.48	0.28	0.49	24	0.01	N	NC	SC	S	A	B	C	D
	Low-E4® Sun	No Grilles	AND-N-76-00322-00001	0.27	1.53	0.19	0.30	17	0.01	N	NC	SC	S	A	B	C	D
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00322-00002	0.27	1.53	0.17	0.26	16	0.01	N	NC	SC	S	A	B	C	D
		Full Divided Lite (FDL)	AND-N-76-00328-00001	0.28	1.59	0.17	0.26	15	0.01	N	NC	SC	S	A	B	C	D
		Finelight™ (grilles-between-the-glass)	AND-N-76-00334-00001	0.27	1.53	0.17	0.26	16	0.01	N	NC	SC	S	A	B	C	D
	Low-E4® SmartSun™	No Grilles	AND-N-76-00323-00001	0.26	1.48	0.21	0.49	20	0.01	N	NC	SC	S	A	B	C	D
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00323-00002	0.26	1.48	0.19	0.44	18	0.01	N	NC	SC	S	A	B	C	D
		Full Divided Lite (FDL)	AND-N-76-00329-00001	0.27	1.53	0.19	0.44	17	0.01	N	NC	SC	S	A	B	C	D
		Finelight™ (grilles-between-the-glass)	AND-N-76-00335-00001	0.26	1.48	0.19	0.44	18	0.01	N	NC	SC	S	A	B	C	D
	Low-E4® PassiveSun™	No Grilles	AND-N-76-00319-00001	0.28	1.59	0.49	0.60	33	0.01	N	-	-	-	A	B	C	D
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00319-00002	0.28	1.59	0.44	0.53	30	0.01	N	-	-	-	A	B	C	D
		Full Divided Lite (FDL)	AND-N-76-00325-00001	0.29	1.65	0.44	0.53	29	0.01	N	-	-	-	A	B	C	D
		Finelight™ (grilles-between-the-glass)	AND-N-76-00331-00001	0.28	1.59	0.44	0.53	30	0.01	N	-	-	-	A	B	C	D
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00320-00003	0.26	1.48	0.25	0.43	22	0.01	N	NC	SC	S	A	B	C	D
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00322-00003	0.27	1.53	0.16	0.23	16	0.01	N	NC	SC	S	A	B	C	D
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00323-00003	0.26	1.48	0.17	0.39	17	0.01	N	NC	SC	S	A	B	C	D
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00319-00003	0.28	1.59	0.39	0.47	28	0.01	N	NC	SC	S	A	B	C	D
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										N	NC	SC	S	A	B	C	D
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-76-00134-00001	0.30	1.70	0.32	0.55	21	0.01	N	NC	-	-	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00134-00002	0.30	1.70	0.29	0.49	19	0.01	N	NC	SC	-	A	-	-		
	Full Divided Lite (FDL)	AND-N-76-00141-00001	0.32	1.82	0.29	0.49	17	0.01	-	NC	SC	-	A	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-76-00148-00001	0.30	1.70	0.29	0.49	19	0.01	N	NC	SC	-	A	-	-		
Low-E4® Sun	No Grilles	AND-N-76-00136-00001	0.30	1.70	0.20	0.31	14	0.01	N	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00136-00002	0.30	1.70	0.18	0.27	13	0.01	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-76-00143-00001	0.32	1.82	0.18	0.27	10	0.01	-	NC	SC	S	A	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-76-00150-00001	0.30	1.70	0.18	0.27	13	0.01	N	NC	SC	S	A	-	-		
Low-E4® SmartSun™	No Grilles	AND-N-76-00137-00001	0.29	1.65	0.21	0.49	16	0.01	N	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00137-00002	0.29	1.65	0.19	0.44	15	0.01	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-76-00144-00001	0.31	1.76	0.19	0.44	12	0.01	-	NC	SC	S	A	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-76-00151-00001	0.29	1.65	0.19	0.44	15	0.01	N	NC	SC	S	A	-	-		
Low-E4® PassiveSun™	No Grilles	AND-N-76-00133-00001	0.32	1.82	0.53	0.60	31	0.01	N	-	-	-	A	B	C		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00133-00002	0.32	1.82	0.48	0.54	28	0.01	N	-	-	-	A	B	-		
	Full Divided Lite (FDL)	AND-N-76-00140-00001	0.33	1.87	0.48	0.54	27	0.01	-	-	-	-	A	B	-		
	Finelight™ (grilles-between-the-glass)	AND-N-76-00147-00001	0.32	1.82	0.48	0.54	28	0.01	N	-	-	-	A	B	-		
<b>3.1 Annealed, 3.1 or Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00134-00003	0.30	1.70	0.26	0.43	18	0.01	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00136-00003	0.30	1.70	0.16	0.24	12	0.01	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00137-00003	0.29	1.65	0.17	0.39	14	0.01	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00133-00003	0.32	1.82	0.43	0.48	25	0.01	N	-	-	-	A	B	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
Low-E4®	No Grilles	AND-N-76-00134-00004	0.30	1.70	0.32	0.55	21	0.01	N	NC	-	-	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00134-00005	0.30	1.70	0.29	0.49	19	0.01	N	NC	SC	-	A	-	-		
	Full Divided Lite (FDL)	AND-N-76-00141-00002	0.32	1.82	0.29	0.49	17	0.01	-	NC	SC	-	A	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-76-00148-00002	0.30	1.70	0.29	0.49	19	0.01	N	NC	SC	-	A	-	-		
Low-E4® Sun	No Grilles	AND-N-76-00136-00004	0.30	1.70	0.20	0.31	14	0.01	N	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00136-00005	0.30	1.70	0.18	0.27	13	0.01	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-76-00143-00002	0.32	1.82	0.18	0.27	10	0.01	-	NC	SC	S	A	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-76-00150-00002	0.30	1.70	0.18	0.27	13	0.01	N	NC	SC	S	A	-	-		
Low-E4® SmartSun™	No Grilles	AND-N-76-00137-00004	0.29	1.65	0.21	0.49	16	0.01	N	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00137-00005	0.29	1.65	0.19	0.44	15	0.01	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-76-00144-00002	0.31	1.76	0.19	0.44	12	0.01	-	NC	SC	S	A	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-76-00151-00002	0.29	1.65	0.19	0.44	15	0.01	N	NC	SC	S	A	-	-		
Low-E4® PassiveSun™	No Grilles	AND-N-76-00133-00004	0.32	1.82	0.50	0.60	29	0.01	N	-	-	-	A	B	C		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00133-00005	0.32	1.82	0.45	0.54	26	0.01	N	-	-	-	A	B	-		
	Full Divided Lite (FDL)	AND-N-76-00140-00002	0.33	1.87	0.45	0.54	25	0.01	-	-	-	-	A	B	-		
	Finelight™ (grilles-between-the-glass)	AND-N-76-00147-00002	0.32	1.82	0.45	0.54	26	0.01	N	-	-	-	A	B	-		
<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00134-00006	0.30	1.70	0.26	0.43	18	0.01	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		

400 Series Tilt-Wash Transom Window (w/ Capillary Breather Tubes)

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										N	NC	SC	S	A	B	C	D
400 Series Tilt- Wash Transom Window (w/ Capillary Breather Tubes)	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00136-00006	0.30	1.70	0.16	0.24	12	0.01	N	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00137-00006	0.29	1.65	0.17	0.39	14	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00133-00006	0.32	1.82	0.40	0.48	23	0.01	N	NC	-	-	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-76-00218-00001	0.30	1.70	0.32	0.55	21	0.01	N	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00218-00002	0.30	1.70	0.29	0.49	19	0.01	N	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-76-00224-00001	0.31	1.76	0.29	0.49	18	0.01	-	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-76-00230-00001	0.30	1.70	0.29	0.49	19	0.01	N	NC	SC	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-76-00220-00001	0.30	1.70	0.20	0.30	14	0.01	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00220-00002	0.30	1.70	0.18	0.26	13	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-76-00226-00001	0.32	1.82	0.18	0.26	10	0.01	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-76-00232-00001	0.30	1.70	0.18	0.26	13	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-76-00221-00001	0.29	1.65	0.21	0.49	16	0.01	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00221-00002	0.29	1.65	0.19	0.44	15	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-76-00227-00001	0.31	1.76	0.19	0.44	12	0.01	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-76-00233-00001	0.29	1.65	0.19	0.44	15	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-76-00217-00001	0.31	1.76	0.49	0.60	30	0.01	N	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00217-00002	0.31	1.76	0.44	0.53	27	0.01	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-76-00223-00001	0.33	1.87	0.44	0.53	24	0.01	-	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-76-00229-00001	0.31	1.76	0.44	0.53	27	0.01	N	-	-	-	A	B	-	-
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00218-00003	0.30	1.70	0.26	0.43	18	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00220-00003	0.30	1.70	0.16	0.23	12	0.01	N	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00221-00003	0.29	1.65	0.18	0.39	14	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-76-00217-00003	0.31	1.76	0.39	0.47	24	0.01	N	NC	-	-	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Woodwright® Double-Hung Window	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
	Low-E4®	No Grilles	AND-N-66-00183-00001	0.29	1.65	0.31	0.53	20	0.14	57	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00183-00002	0.29	1.65	0.28	0.47	19	0.14	57	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00190-00001	0.30	1.70	0.28	0.47	18	0.14	57	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-66-00204-00001	0.29	1.65	0.28	0.47	19	0.14	57	N	NC	SC	S	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-66-00185-00001	0.30	1.70	0.19	0.29	12	0.14	56	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00185-00002	0.30	1.70	0.17	0.26	11	0.14	56	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00192-00001	0.31	1.76	0.17	0.26	10	0.14	56	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-66-00206-00001	0.30	1.70	0.17	0.26	11	0.14	56	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-66-00186-00001	0.29	1.65	0.20	0.47	14	0.14	57	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00186-00002	0.29	1.65	0.18	0.42	13	0.14	57	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00193-00001	0.30	1.70	0.18	0.42	12	0.14	57	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-66-00207-00001	0.29	1.65	0.18	0.42	13	0.14	57	N	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-66-00182-00001	0.31	1.76	0.51	0.58	30	0.14	55	N	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00182-00002	0.31	1.76	0.46	0.51	27	0.14	55	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-66-00189-00001	0.32	1.82	0.46	0.51	25	0.14	55	N	-	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-66-00203-00001	0.31	1.76	0.46	0.51	27	0.14	55	N	-	-	-	A	B	-	-
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00183-00003	0.29	1.65	0.25	0.41	17	0.14	57	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00197-00001	0.30	1.70	0.25	0.41	16	0.14	57	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00185-00003	0.30	1.70	0.15	0.23	10	0.14	56	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00199-00001	0.30	1.70	0.15	0.23	10	0.14	56	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00186-00003	0.29	1.65	0.17	0.37	12	0.14	57	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00200-00001	0.29	1.65	0.17	0.37	12	0.14	57	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00182-00003	0.31	1.76	0.41	0.45	24	0.14	55	N	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00196-00001	0.32	1.82	0.41	0.45	22	0.14	55	N	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.9 Annealed, or 3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
	Low-E4®	No Grilles	AND-N-66-00211-00001	0.30	1.70	0.30	0.52	19	0.14	55	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00211-00002	0.30	1.70	0.27	0.46	17	0.14	55	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00218-00001	0.31	1.76	0.27	0.46	16	0.14	55	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-66-00232-00001	0.31	1.76	0.27	0.46	16	0.14	55	-	NC	SC	S	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-66-00213-00001	0.30	1.70	0.19	0.29	12	0.14	55	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00213-00002	0.30	1.70	0.17	0.25	11	0.14	55	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00220-00001	0.31	1.76	0.17	0.25	10	0.14	55	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-66-00234-00001	0.31	1.76	0.17	0.25	10	0.14	55	-	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-66-00214-00001	0.29	1.65	0.21	0.47	15	0.14	56	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00214-00002	0.29	1.65	0.19	0.42	13	0.14	56	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00221-00001	0.30	1.70	0.19	0.42	12	0.14	56	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-66-00235-00001	0.30	1.70	0.19	0.42	12	0.14	56	N	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-66-00210-00001	0.32	1.82	0.50	0.57	28	0.14	54	N	-	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00210-00002	0.32	1.82	0.45	0.51	25	0.14	54	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-66-00217-00001	0.33	1.87	0.45	0.51	24	0.14	54	-	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-66-00231-00001	0.33	1.87	0.45	0.51	24	0.14	54	-	-	-	-	A	-	-	-
	<b>3.9 Annealed, or 3.9 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00211-00003	0.30	1.70	0.24	0.41	15	0.14	55	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-66-00225-00001	0.31	1.76	0.24	0.41	14	0.14	55	-	NC	SC	S	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
											N	NC	SC	S	A	B	C	D	
400 Series Woodwright® Double-Hung Window	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00213-00003	0.30	1.70	0.15	0.22	10	0.14	55	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-66-00227-00001	0.31	1.76	0.15	0.22	9	0.14	55	-	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00214-00003	0.29	1.65	0.17	0.37	12	0.14	56	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-66-00228-00001	0.30	1.70	0.17	0.37	11	0.14	56	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00210-00003	0.32	1.82	0.40	0.45	22	0.14	54	N	NC	-	-	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-66-00224-00001	0.32	1.82	0.40	0.45	22	0.14	54	N	NC	-	-	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																		
	Low-E4®	No Grilles	AND-N-66-00183-00004	0.29	1.65	0.31	0.53	20	0.14	57	N	NC	-	-	A	B	C	D	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00183-00005	0.29	1.65	0.28	0.47	19	0.14	57	N	NC	SC	-	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-66-00190-00002	0.30	1.70	0.28	0.47	18	0.14	57	N	NC	SC	-	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	AND-N-66-00204-00002	0.29	1.65	0.28	0.47	19	0.14	57	N	NC	SC	-	A	B	C	D	
	Low-E4® Sun	No Grilles	AND-N-66-00185-00004	0.30	1.70	0.19	0.29	12	0.14	56	N	NC	SC	S	A	B	C	D	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00185-00005	0.30	1.70	0.17	0.26	11	0.14	56	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-66-00192-00002	0.31	1.76	0.17	0.26	10	0.14	56	-	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	AND-N-66-00206-00002	0.30	1.70	0.17	0.26	11	0.14	56	N	NC	SC	S	A	B	C	D	
	Low-E4® SmartSun™	No Grilles	AND-N-66-00186-00004	0.29	1.65	0.20	0.47	14	0.14	57	N	NC	SC	S	A	B	C	D	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00186-00005	0.29	1.65	0.18	0.42	13	0.14	57	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-66-00193-00002	0.30	1.70	0.18	0.42	12	0.14	57	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	AND-N-66-00207-00002	0.29	1.65	0.18	0.42	13	0.14	57	N	NC	SC	S	A	B	C	D	
	Low-E4® PassiveSun™	No Grilles	AND-N-66-00182-00004	0.31	1.76	0.48	0.58	28	0.14	55	N	-	-	-	A	B	C	D	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00182-00005	0.31	1.76	0.43	0.51	25	0.14	55	N	-	-	-	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-66-00189-00002	0.32	1.82	0.43	0.51	24	0.14	55	N	-	-	-	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	AND-N-66-00203-00002	0.31	1.76	0.43	0.51	25	0.14	55	N	-	-	-	A	B	C	D	
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																		
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00183-00006	0.29	1.65	0.25	0.41	17	0.14	57	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-66-00197-00002	0.30	1.70	0.25	0.41	16	0.14	57	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00185-00006	0.30	1.70	0.15	0.23	10	0.14	56	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-66-00199-00002	0.30	1.70	0.15	0.23	10	0.14	56	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00186-00006	0.29	1.65	0.17	0.37	12	0.14	57	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-66-00200-00002	0.29	1.65	0.17	0.37	12	0.14	57	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00182-00006	0.31	1.76	0.38	0.45	22	0.14	55	N	NC	-	-	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-66-00196-00002	0.32	1.82	0.38	0.45	21	0.14	55	-	NC	-	-	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																		
	Low-E4®	No Grilles	AND-N-66-00211-00004	0.30	1.70	0.30	0.52	19	0.14	55	N	NC	SC	-	A	B	C	D	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00211-00005	0.30	1.70	0.27	0.46	17	0.14	55	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-66-00218-00002	0.31	1.76	0.27	0.46	16	0.14	55	-	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	AND-N-66-00232-00002	0.31	1.76	0.27	0.46	16	0.14	55	-	NC	SC	S	A	B	C	D	
	Low-E4® Sun	No Grilles	AND-N-66-00213-00004	0.30	1.70	0.19	0.29	12	0.14	55	N	NC	SC	S	A	B	C	D	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00213-00005	0.30	1.70	0.17	0.25	11	0.14	55	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-66-00220-00002	0.31	1.76	0.17	0.25	10	0.14	55	-	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	AND-N-66-00234-00002	0.31	1.76	0.17	0.25	10	0.14	55	-	NC	SC	S	A	B	C	D	
Low-E4® SmartSun™	No Grilles	AND-N-66-00214-00004	0.29	1.65	0.21	0.47	15	0.14	56	N	NC	SC	S	A	B	C	D		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00214-00005	0.29	1.65	0.19	0.42	13	0.14	56	N	NC	SC	S	A	B	C	D		
	Full Divided Lite (FDL)	AND-N-66-00221-00002	0.30	1.70	0.19	0.42	12	0.14	56	N	NC	SC	S	A	B	C	D		
	Finelight™ (grilles-between-the-glass)	AND-N-66-00235-00002	0.30	1.70	0.19	0.42	12	0.14	56	N	NC	SC	S	A	B	C	D		



Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
400 Series Woodwright® Double-Hung Window	Low-E4® PassiveSun™	No Grilles	AND-N-66-00210-00004	0.32	1.82	0.50	0.57	28	0.14	54	N	-	-	-	A	B	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00210-00005	0.32	1.82	0.45	0.51	25	0.14	54	N	-	-	-	A	B	-	-	
		Full Divided Lite (FDL)	AND-N-66-00217-00002	0.33	1.87	0.45	0.51	24	0.14	54	-	-	-	-	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-66-00231-00002	0.33	1.87	0.45	0.51	24	0.14	54	-	-	-	-	A	-	-	-	
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																		
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00211-00006	0.30	1.70	0.24	0.41	15	0.14	55	N	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-66-00225-00002	0.31	1.76	0.24	0.41	14	0.14	55	-	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00213-00006	0.30	1.70	0.15	0.22	10	0.14	55	N	NC	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-66-00227-00002	0.31	1.76	0.15	0.22	9	0.14	55	-	NC	SC	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00214-00006	0.29	1.65	0.17	0.37	12	0.14	56	N	NC	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-66-00228-00002	0.30	1.70	0.17	0.37	11	0.14	56	N	NC	SC	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00210-00006	0.32	1.82	0.40	0.45	22	0.14	54	N	NC	-	-	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-66-00224-00002	0.32	1.82	0.40	0.45	22	0.14	54	N	NC	-	-	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																		
Low-E4®	No Grilles		AND-N-66-00099-00001	0.33	1.87	0.31	0.53	16	0.14	53	-	-	-	-	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-66-00099-00002	0.33	1.87	0.28	0.47	14	0.14	53	-	-	SC	-	-	-	-	-
	Full Divided Lite (FDL)		AND-N-66-00106-00001	0.34	1.93	0.28	0.47	13	0.14	53	-	-	SC	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-66-00120-00001	0.33	1.87	0.28	0.47	14	0.14	53	-	-	SC	-	-	-	-	-
Low-E4® Sun	No Grilles		AND-N-66-00101-00001	0.33	1.87	0.19	0.29	9	0.14	53	-	-	SC	S	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-66-00101-00002	0.33	1.87	0.18	0.26	8	0.14	53	-	-	SC	S	-	-	-	-
	Full Divided Lite (FDL)		AND-N-66-00108-00001	0.34	1.93	0.18	0.26	7	0.14	53	-	-	SC	S	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-66-00122-00001	0.33	1.87	0.18	0.26	8	0.14	53	-	-	SC	S	-	-	-	-
Low-E4® SmartSun™	No Grilles		AND-N-66-00102-00001	0.32	1.82	0.21	0.47	11	0.14	54	-	NC	SC	S	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-66-00102-00002	0.32	1.82	0.19	0.42	10	0.14	54	-	NC	SC	S	-	-	-	-
	Full Divided Lite (FDL)		AND-N-66-00109-00001	0.33	1.87	0.19	0.42	9	0.14	54	-	-	SC	S	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-66-00123-00001	0.32	1.82	0.19	0.42	10	0.14	54	-	NC	SC	S	-	-	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-66-00098-00001	0.34	1.93	0.51	0.58	26	0.14	52	-	-	-	-	A	B	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-66-00098-00002	0.34	1.93	0.46	0.51	23	0.14	52	-	-	-	-	A	-	-	-
	Full Divided Lite (FDL)		AND-N-66-00105-00001	0.35	1.99	0.46	0.51	22	0.14	52	-	-	-	-	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-66-00119-00001	0.34	1.93	0.46	0.51	23	0.14	52	-	-	-	-	A	-	-	-
<b>3.1 Annealed, 3.1 or Tempered Glass - w/ Grilles 1" or Greater</b>																		
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-66-00099-00003	0.33	1.87	0.25	0.41	12	0.14	53	-	-	SC	S	-	-	-	-
	Full Divided Lite (FDL)		AND-N-66-00113-00001	0.34	1.93	0.25	0.41	11	0.14	53	-	-	SC	S	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-66-00101-00003	0.33	1.87	0.16	0.23	7	0.14	53	-	-	SC	S	-	-	-	-
	Full Divided Lite (FDL)		AND-N-66-00115-00001	0.34	1.93	0.16	0.23	6	0.14	53	-	-	SC	S	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-66-00102-00003	0.32	1.82	0.17	0.37	9	0.14	54	-	NC	SC	S	-	-	-	-
	Full Divided Lite (FDL)		AND-N-66-00116-00001	0.33	1.87	0.17	0.37	7	0.14	54	-	-	SC	S	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-66-00098-00003	0.34	1.93	0.41	0.45	20	0.14	52	-	-	-	-	-	-	-	-
	Full Divided Lite (FDL)		AND-N-66-00112-00001	0.35	1.99	0.41	0.45	19	0.14	52	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
<b>3.9 Annealed, or 3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																		
Low-E4®	No Grilles		AND-N-66-00127-00001	0.34	1.93	0.31	0.52	14	0.14	52	-	-	-	-	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-66-00127-00002	0.34	1.93	0.28	0.46	13	0.14	52	-	-	SC	-	-	-	-	-
	Full Divided Lite (FDL)		AND-N-66-00134-00001	0.35	1.99	0.28	0.46	11	0.14	52	-	-	SC	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-66-00148-00001	0.35	1.99	0.28	0.46	11	0.14	52	-	-	SC	-	-	-	-	-
Low-E4® Sun	No Grilles		AND-N-66-00129-00001	0.34	1.93	0.19	0.29	7	0.14	52	-	-	SC	S	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-66-00129-00002	0.34	1.93	0.17	0.25	6	0.14	52	-	-	SC	S	-	-	-	-
	Full Divided Lite (FDL)		AND-N-66-00136-00001	0.35	1.99	0.17	0.25	5	0.14	52	-	-	SC	S	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-66-00150-00001	0.36	2.04	0.17	0.25	4	0.14	52	-	-	-	S	-	-	-	-
Low-E4® SmartSun™	No Grilles		AND-N-66-00130-00001	0.33	1.87	0.21	0.47	10	0.14	52	-	-	SC	S	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-66-00130-00002	0.33	1.87	0.19	0.42	9	0.14	52	-	-	SC	S	-	-	-	-
	Full Divided Lite (FDL)		AND-N-66-00137-00001	0.35	1.99	0.19	0.42	6	0.14	52	-	-	SC	S	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-66-00151-00001	0.35	1.99	0.19	0.42	6	0.14	52	-	-	SC	S	-	-	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-66-00126-00001	0.36	2.04	0.50	0.57	23	0.14	51	-	-	-	-	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-66-00126-00002	0.36	2.04	0.44	0.51	19	0.14	51	-	-	-	-	-	-	-	-
	Full Divided Lite (FDL)		AND-N-66-00133-00001	0.36	2.04	0.44	0.51	19	0.14	51	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-66-00147-00001	0.37	2.10	0.44	0.51	18	0.14	51	-	-	-	-	-	-	-	-
<b>3.9 Annealed, 3.9 or Tempered Glass - w/ Grilles 1" or Greater</b>																		
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-66-00127-00003	0.34	1.93	0.25	0.41	11	0.14	52	-	-	SC	S	-	-	-	-
	Full Divided Lite (FDL)		AND-N-66-00141-00001	0.35	1.99	0.25	0.41	9	0.14	52	-	-	SC	S	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-

400 Series  
Woodwright®  
Double-Hung  
Window (w/  
Capillary  
Breather Tubes)

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
																			SC
400 Series Woodwright® Double-Hung Window (w/ Capillary Breather Tubes)	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00129-00003	0.34	1.93	0.16	0.22	6	0.14	52	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-66-00143-00001	0.35	1.99	0.16	0.22	4	0.14	52	-	-	SC	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00130-00003	0.33	1.87	0.17	0.37	7	0.14	52	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-66-00144-00001	0.34	1.93	0.17	0.37	6	0.14	52	-	-	SC	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00126-00003	0.36	2.04	0.40	0.45	17	0.14	51	-	-	-	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-66-00140-00001	0.36	2.04	0.40	0.45	17	0.14	51	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																		
	Low-E4®	No Grilles	AND-N-66-00099-00004	0.33	1.87	0.31	0.53	16	0.14	53	-	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00099-00005	0.33	1.87	0.28	0.47	14	0.14	53	-	-	SC	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00106-00002	0.34	1.93	0.28	0.47	13	0.14	53	-	-	SC	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-66-00120-00002	0.33	1.87	0.28	0.47	14	0.14	53	-	-	SC	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-66-00101-00004	0.33	1.87	0.19	0.29	9	0.14	53	-	-	SC	S	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00101-00005	0.33	1.87	0.18	0.26	8	0.14	53	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00108-00002	0.34	1.93	0.18	0.26	7	0.14	53	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-66-00122-00002	0.33	1.87	0.18	0.26	8	0.14	53	-	-	SC	S	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-66-00102-00004	0.32	1.82	0.21	0.47	11	0.14	54	-	NC	SC	S	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00102-00005	0.32	1.82	0.19	0.42	10	0.14	54	-	NC	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00109-00002	0.33	1.87	0.19	0.42	9	0.14	54	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-66-00123-00002	0.32	1.82	0.19	0.42	10	0.14	54	-	NC	SC	S	-	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-66-00098-00004	0.34	1.93	0.48	0.58	24	0.14	52	-	-	-	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00098-00005	0.34	1.93	0.43	0.51	21	0.14	52	-	-	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00105-00002	0.35	1.99	0.43	0.51	20	0.14	52	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-66-00119-00002	0.34	1.93	0.43	0.51	21	0.14	52	-	-	-	-	-	A	-	-	-
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																		
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00099-00006	0.33	1.87	0.25	0.41	12	0.14	53	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00113-00002	0.34	1.93	0.25	0.41	11	0.14	53	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00101-00006	0.33	1.87	0.16	0.23	7	0.14	53	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00115-00002	0.34	1.93	0.16	0.23	6	0.14	53	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00102-00006	0.32	1.82	0.17	0.37	9	0.14	54	-	NC	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00116-00002	0.33	1.87	0.17	0.37	7	0.14	54	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00098-00006	0.34	1.93	0.38	0.45	18	0.14	52	-	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00112-00002	0.35	1.99	0.38	0.45	17	0.14	52	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																		
	Low-E4®	No Grilles	AND-N-66-00127-00004	0.34	1.93	0.31	0.52	14	0.14	52	-	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00127-00005	0.34	1.93	0.28	0.46	13	0.14	52	-	-	SC	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00134-00002	0.35	1.99	0.28	0.46	11	0.14	52	-	-	SC	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-66-00148-00002	0.35	1.99	0.28	0.46	11	0.14	52	-	-	SC	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-66-00129-00004	0.34	1.93	0.19	0.29	7	0.14	52	-	-	SC	S	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00129-00005	0.34	1.93	0.17	0.25	6	0.14	52	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-66-00136-00002	0.35	1.99	0.17	0.25	5	0.14	52	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-66-00150-00002	0.36	2.04	0.17	0.25	4	0.14	52	-	-	-	S	-	-	-	-	-
Low-E4® SmartSun™	No Grilles	AND-N-66-00130-00004	0.33	1.87	0.21	0.47	10	0.14	52	-	-	SC	S	-	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00130-00005	0.33	1.87	0.19	0.42	9	0.14	52	-	-	SC	S	-	-	-	-	-	
	Full Divided Lite (FDL)	AND-N-66-00137-00002	0.35	1.99	0.19	0.42	6	0.14	52	-	-	SC	S	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-66-00151-00002	0.35	1.99	0.19	0.42	6	0.14	52	-	-	SC	S	-	-	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
400 Series Woodwright® Double-Hung Window (w/ Capillary Breather Tubes)	Low-E4® PassiveSun™	No Grilles	AND-N-66-00126-00004	0.36	2.04	0.50	0.57	23	0.14	51	-	-	-	-	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00126-00005	0.36	2.04	0.44	0.51	19	0.14	51	-	-	-	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-66-00133-00002	0.36	2.04	0.44	0.51	19	0.14	51	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-66-00147-00002	0.37	2.10	0.44	0.51	18	0.14	51	-	-	-	-	-	-	-	-	
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																		
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00127-00006	0.34	1.93	0.25	0.41	11	0.14	52	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-66-00141-00002	0.35	1.99	0.25	0.41	9	0.14	52	-	-	SC	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00129-00006	0.34	1.93	0.16	0.22	6	0.14	52	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-66-00143-00002	0.35	1.99	0.16	0.22	4	0.14	52	-	-	SC	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00130-00006	0.33	1.87	0.17	0.37	7	0.14	52	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-66-00144-00002	0.34	1.93	0.17	0.37	6	0.14	52	-	-	SC	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-66-00126-00006	0.36	2.04	0.40	0.45	17	0.14	51	-	-	-	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-66-00140-00002	0.36	2.04	0.40	0.45	17	0.14	51	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Woodwright® Double-Hung Picture Window		<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-67-00813-00001	0.28	1.59	0.32	0.55	24	0.01	61	N	NC	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00813-00002	0.28	1.59	0.29	0.49	22	0.01	61	N	NC	SC	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-67-00819-00001	0.29	1.65	0.29	0.49	21	0.01	61	N	NC	SC	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00831-00001	0.28	1.59	0.29	0.49	22	0.01	61	N	NC	SC	-	A	B	-	-
	Low-E4® Sun	No Grilles	AND-N-67-00814-00001	0.28	1.59	0.19	0.31	16	0.01	61	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00814-00002	0.28	1.59	0.18	0.27	15	0.01	61	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00820-00001	0.29	1.65	0.18	0.27	14	0.01	61	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00832-00001	0.28	1.59	0.18	0.27	15	0.01	61	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-67-00815-00001	0.27	1.53	0.21	0.50	19	0.01	62	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00815-00002	0.27	1.53	0.19	0.44	17	0.01	62	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-67-00821-00001	0.28	1.59	0.19	0.44	16	0.01	62	N	NC	SC	S	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00833-00001	0.27	1.53	0.19	0.44	17	0.01	62	N	NC	SC	S	A	B	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-67-00812-00001	0.28	1.59	0.53	0.61	36	0.01	61	N	-	-	-	A	B	C	D
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00812-00002	0.28	1.59	0.47	0.54	32	0.01	61	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-67-00818-00001	0.30	1.70	0.47	0.54	30	0.01	61	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00830-00001	0.28	1.59	0.47	0.54	32	0.01	61	N	-	-	-	A	B	C	-
			<b>3.1 Annealed, or 3.1 Tempered Glass - w/ Grilles 1" or Greater</b>															
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00813-00003	0.28	1.59	0.26	0.43	20	0.01	61	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-67-00825-00001	0.29	1.65	0.26	0.43	19	0.01	61	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00814-00003	0.28	1.59	0.16	0.24	14	0.01	61	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00826-00001	0.29	1.65	0.16	0.24	13	0.01	61	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00815-00003	0.27	1.53	0.17	0.39	16	0.01	62	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00827-00001	0.28	1.59	0.17	0.39	15	0.01	62	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00812-00003	0.28	1.59	0.42	0.48	29	0.01	61	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-67-00824-00001	0.29	1.65	0.42	0.48	28	0.01	61	N	-	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
			<b>3.9 Annealed, or 3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>															
	Low-E4®	No Grilles	AND-N-67-00837-00001	0.27	1.53	0.32	0.55	25	0.01	61	N	NC	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00837-00002	0.27	1.53	0.28	0.49	23	0.01	61	N	NC	SC	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-67-00843-00001	0.29	1.65	0.28	0.49	20	0.01	61	N	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00855-00001	0.27	1.53	0.28	0.49	23	0.01	61	N	NC	SC	-	A	B	-	-
	Low-E4® Sun	No Grilles	AND-N-67-00838-00001	0.28	1.59	0.19	0.30	16	0.01	60	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00838-00002	0.28	1.59	0.17	0.27	15	0.01	60	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00844-00001	0.29	1.65	0.17	0.27	14	0.01	61	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00856-00001	0.28	1.59	0.17	0.27	15	0.01	60	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-67-00839-00001	0.26	1.48	0.21	0.49	20	0.01	61	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00839-00002	0.26	1.48	0.19	0.44	18	0.01	61	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-67-00845-00001	0.28	1.59	0.19	0.44	16	0.01	61	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00857-00001	0.26	1.48	0.19	0.44	18	0.01	61	N	NC	SC	S	A	B	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-67-00836-00001	0.28	1.59	0.51	0.60	35	0.01	60	N	-	-	-	A	B	C	D
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00836-00002	0.28	1.59	0.46	0.54	32	0.01	60	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-67-00842-00001	0.29	1.65	0.46	0.54	30	0.01	60	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00854-00001	0.28	1.59	0.46	0.54	32	0.01	60	N	-	-	-	A	B	C	-
			<b>3.9 Annealed, or 3.9 Tempered Glass - w/ Grilles 1" or Greater</b>															
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00837-00003	0.27	1.53	0.25	0.43	21	0.01	61	N	NC	SC	S	A	B	-	-	
	Full Divided Lite (FDL)	AND-N-67-00849-00001	0.28	1.59	0.25	0.43	20	0.01	61	N	NC	SC	S	A	B	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VTP	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
											N	NC	SC	S	A	B	C	D	
400 Series Woodwright® Double-Hung Picture Window	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00838-00003	0.28	1.59	0.16	0.23	14	0.01	60	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00850-00001	0.29	1.65	0.16	0.23	13	0.01	61	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00839-00003	0.26	1.48	0.17	0.39	17	0.01	61	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00851-00001	0.28	1.59	0.17	0.39	15	0.01	61	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00836-00003	0.28	1.59	0.41	0.47	29	0.01	60	N	-	-	-	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00848-00001	0.29	1.65	0.41	0.47	27	0.01	60	N	-	-	-	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>4.7 Annealed, or 4.7 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																		
	Low-E4®	No Grilles	AND-N-67-00861-00001	0.27	1.53	0.31	0.54	24	0.01	60	N	NC	SC	S	A	B	C	D	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00861-00002	0.27	1.53	0.28	0.48	23	0.01	60	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00867-00001	0.28	1.59	0.28	0.48	21	0.01	60	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00879-00001	0.27	1.53	0.28	0.48	23	0.01	60	N	NC	SC	S	A	B	C	D	
	Low-E4® Sun	No Grilles	AND-N-67-00862-00001	0.27	1.53	0.19	0.30	17	0.01	60	N	NC	SC	S	A	B	C	D	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00862-00002	0.27	1.53	0.17	0.27	16	0.01	60	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00868-00001	0.29	1.65	0.17	0.27	14	0.01	60	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00880-00001	0.27	1.53	0.17	0.27	16	0.01	60	N	NC	SC	S	A	B	C	D	
	Low-E4® SmartSun™	No Grilles	AND-N-67-00863-00001	0.26	1.48	0.21	0.49	20	0.01	61	N	NC	SC	S	A	B	C	D	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00863-00002	0.26	1.48	0.19	0.43	18	0.01	61	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00869-00001	0.28	1.59	0.19	0.43	16	0.01	61	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00881-00001	0.26	1.48	0.19	0.43	18	0.01	61	N	NC	SC	S	A	B	C	D	
	Low-E4® PassiveSun™	No Grilles	AND-N-67-00860-00001	0.28	1.59	0.51	0.60	35	0.01	60	N	-	-	-	A	B	C	D	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00860-00002	0.28	1.59	0.45	0.53	31	0.01	60	N	-	-	-	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00866-00001	0.29	1.65	0.45	0.53	30	0.01	60	N	-	-	-	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00878-00001	0.28	1.59	0.45	0.53	31	0.01	60	N	-	-	-	A	B	C	D	
	<b>4.7 Annealed, or 4.7 Tempered Glass - w/ Grilles 1" or Greater</b>																		
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00861-00003	0.27	1.53	0.25	0.43	21	0.01	60	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00873-00001	0.28	1.59	0.25	0.43	20	0.01	60	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00862-00003	0.27	1.53	0.16	0.23	16	0.01	60	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00874-00001	0.28	1.59	0.16	0.23	14	0.01	60	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00863-00003	0.26	1.48	0.17	0.38	17	0.01	61	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00875-00001	0.27	1.53	0.17	0.38	16	0.01	61	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00860-00003	0.28	1.59	0.41	0.47	29	0.01	60	N	-	-	-	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00872-00001	0.29	1.65	0.41	0.47	27	0.01	60	N	-	-	-	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>5.7 Annealed, or 5.7 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																		
	Low-E4®	No Grilles	AND-N-67-00885-00001	0.28	1.59	0.31	0.53	23	0.01	59	N	NC	SC	S	A	B	C	D	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00885-00002	0.28	1.59	0.28	0.48	21	0.01	59	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00891-00001	0.29	1.65	0.28	0.48	20	0.01	59	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00903-00001	0.29	1.65	0.28	0.48	20	0.01	59	N	NC	SC	S	A	B	C	D	
	Low-E4® Sun	No Grilles	AND-N-67-00886-00001	0.28	1.59	0.19	0.29	16	0.01	58	N	NC	SC	S	A	B	C	D	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00886-00002	0.28	1.59	0.17	0.26	15	0.01	58	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00892-00001	0.29	1.65	0.17	0.26	14	0.01	58	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00904-00001	0.29	1.65	0.17	0.26	14	0.01	58	N	NC	SC	S	A	B	C	D	
Low-E4® SmartSun™	No Grilles	AND-N-67-00887-00001	0.27	1.53	0.21	0.48	19	0.01	59	N	NC	SC	S	A	B	C	D		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00887-00002	0.27	1.53	0.19	0.43	17	0.01	59	N	NC	SC	S	A	B	C	D		
	Full Divided Lite (FDL)	AND-N-67-00893-00001	0.28	1.59	0.19	0.43	16	0.01	59	N	NC	SC	S	A	B	C	D		
	Finelight™ (grilles-between-the-glass)	AND-N-67-00905-00001	0.28	1.59	0.19	0.43	16	0.01	59	N	NC	SC	S	A	B	C	D		

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VTP	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
400 Series Woodwright® Double-Hung Picture Window	Low-E4® PassiveSun™	No Grilles	AND-N-67-00884-00001	0.28	1.59	0.49	0.59	33	0.01	58	N	-	-	-	A	B	C	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00884-00002	0.28	1.59	0.44	0.52	30	0.01	58	N	-	-	-	A	B	C	-	
		Full Divided Lite (FDL)	AND-N-67-00890-00001	0.29	1.65	0.44	0.52	29	0.01	58	N	-	-	-	A	B	C	-	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00902-00001	0.29	1.65	0.44	0.52	29	0.01	58	N	-	-	-	A	B	C	-	
	<b>5.7 Annealed, or 5.7 Tempered Glass - w/ Grilles 1" or Greater</b>																		
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00885-00003	0.28	1.59	0.25	0.42	20	0.01	59	N	NC	SC	S	A	B	-	-	
		Full Divided Lite (FDL)	AND-N-67-00897-00001	0.28	1.59	0.25	0.42	20	0.01	59	N	NC	SC	S	A	B	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00886-00003	0.28	1.59	0.16	0.23	14	0.01	58	N	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00898-00001	0.29	1.65	0.16	0.23	13	0.01	58	N	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00887-00003	0.27	1.53	0.17	0.38	16	0.01	59	N	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00899-00001	0.28	1.59	0.17	0.38	15	0.01	59	N	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00884-00003	0.28	1.59	0.39	0.46	28	0.01	58	N	NC	-	-	A	B	-	-	
		Full Divided Lite (FDL)	AND-N-67-00896-00001	0.29	1.65	0.39	0.46	26	0.01	58	N	NC	-	-	A	B	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																		
	Low-E4®	No Grilles	AND-N-67-00813-00004	0.28	1.59	0.32	0.55	24	0.01	61	N	NC	-	-	A	B	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00813-00005	0.28	1.59	0.29	0.49	22	0.01	61	N	NC	SC	-	A	B	-	-	
		Full Divided Lite (FDL)	AND-N-67-00819-00002	0.29	1.65	0.29	0.49	21	0.01	61	N	NC	SC	-	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00831-00002	0.28	1.59	0.29	0.49	22	0.01	61	N	NC	SC	-	A	B	-	-	
	Low-E4® Sun	No Grilles	AND-N-67-00814-00004	0.28	1.59	0.19	0.31	16	0.01	61	N	NC	SC	S	A	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00814-00005	0.28	1.59	0.18	0.27	15	0.01	61	N	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00820-00002	0.29	1.65	0.18	0.27	14	0.01	61	N	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00832-00002	0.28	1.59	0.18	0.27	15	0.01	61	N	NC	SC	S	A	-	-	-	
	Low-E4® SmartSun™	No Grilles	AND-N-67-00815-00004	0.27	1.53	0.21	0.50	19	0.01	62	N	NC	SC	S	A	B	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00815-00005	0.27	1.53	0.19	0.44	17	0.01	62	N	NC	SC	S	A	B	-	-	
		Full Divided Lite (FDL)	AND-N-67-00821-00002	0.28	1.59	0.19	0.44	16	0.01	62	N	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00833-00002	0.27	1.53	0.19	0.44	17	0.01	62	N	NC	SC	S	A	B	-	-	
	Low-E4® PassiveSun™	No Grilles	AND-N-67-00812-00004	0.28	1.59	0.50	0.61	34	0.01	61	N	-	-	-	A	B	C	D	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00812-00005	0.28	1.59	0.45	0.54	31	0.01	61	N	-	-	-	A	B	C	-	
		Full Divided Lite (FDL)	AND-N-67-00818-00002	0.30	1.70	0.45	0.54	29	0.01	61	N	-	-	-	A	B	C	-	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00830-00002	0.28	1.59	0.45	0.54	31	0.01	61	N	-	-	-	A	B	C	-	
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																		
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00813-00006	0.28	1.59	0.26	0.43	20	0.01	61	N	NC	SC	S	A	B	-	-	
		Full Divided Lite (FDL)	AND-N-67-00825-00002	0.29	1.65	0.26	0.43	19	0.01	61	N	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00814-00006	0.28	1.59	0.16	0.24	14	0.01	61	N	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00826-00002	0.29	1.65	0.16	0.24	13	0.01	61	N	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00815-00006	0.27	1.53	0.17	0.39	16	0.01	62	N	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00827-00002	0.28	1.59	0.17	0.39	15	0.01	62	N	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00812-00006	0.28	1.59	0.40	0.48	28	0.01	61	N	NC	-	-	A	B	-	-	
		Full Divided Lite (FDL)	AND-N-67-00824-00002	0.29	1.65	0.40	0.48	27	0.01	61	N	NC	-	-	A	B	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																		
	Low-E4®	No Grilles	AND-N-67-00837-00004	0.27	1.53	0.32	0.55	25	0.01	61	N	NC	-	-	A	B	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00837-00005	0.27	1.53	0.28	0.49	23	0.01	61	N	NC	SC	-	A	B	-	-	
		Full Divided Lite (FDL)	AND-N-67-00843-00002	0.29	1.65	0.28	0.49	20	0.01	61	N	NC	SC	-	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00855-00002	0.27	1.53	0.28	0.49	23	0.01	61	N	NC	SC	-	A	B	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VTP	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
											N	NC	SC	S	A	B	C	D	
400 Series Woodwright® Double-Hung Picture Window	Low-E4® Sun	No Grilles	AND-N-67-00838-00004	0.28	1.59	0.19	0.30	16	0.01	60	N	NC	SC	S	A	B	C	D	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00838-00005	0.28	1.59	0.17	0.27	15	0.01	60	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00844-00002	0.29	1.65	0.17	0.27	14	0.01	61	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00856-00002	0.28	1.59	0.17	0.27	15	0.01	60	N	NC	SC	S	A	B	C	D	
	Low-E4® SmartSun™	No Grilles	AND-N-67-00839-00004	0.26	1.48	0.21	0.49	20	0.01	61	N	NC	SC	S	A	B	C	D	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00839-00005	0.26	1.48	0.19	0.44	18	0.01	61	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00845-00002	0.28	1.59	0.19	0.44	16	0.01	61	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00857-00002	0.26	1.48	0.19	0.44	18	0.01	61	N	NC	SC	S	A	B	C	D	
	Low-E4® PassiveSun™	No Grilles	AND-N-67-00836-00004	0.28	1.59	0.48	0.60	33	0.01	60	N	-	-	-	A	B	C	D	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00836-00005	0.28	1.59	0.43	0.54	30	0.01	60	N	-	-	-	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00842-00002	0.29	1.65	0.43	0.54	29	0.01	60	N	-	-	-	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00854-00002	0.28	1.59	0.43	0.54	30	0.01	60	N	-	-	-	A	B	C	D	
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																		
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00837-00006	0.27	1.53	0.25	0.43	21	0.01	61	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00849-00002	0.28	1.59	0.25	0.43	20	0.01	61	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00838-00006	0.28	1.59	0.16	0.23	14	0.01	60	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00850-00002	0.29	1.65	0.16	0.23	13	0.01	61	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00839-00006	0.26	1.48	0.17	0.39	17	0.01	61	N	NC	SC	S	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00851-00002	0.28	1.59	0.17	0.39	15	0.01	61	N	NC	SC	S	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00836-00006	0.28	1.59	0.39	0.47	28	0.01	60	N	NC	-	-	A	B	C	D	
		Full Divided Lite (FDL)	AND-N-67-00848-00002	0.29	1.65	0.39	0.47	26	0.01	60	N	NC	-	-	A	B	C	D	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	



Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VTP	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
											-	NC	SC	S	A	B	C	D
400 Series Woodwright® Double-Hung Picture Window (w/ Capillary Breather Tubes)	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
	Low-E4®	No Grilles	AND-N-67-00669-00001	0.31	1.76	0.32	0.55	20	0.01	57	-	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00669-00002	0.31	1.76	0.29	0.49	18	0.01	57	-	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00675-00001	0.33	1.87	0.29	0.49	16	0.01	57	-	-	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00687-00001	0.31	1.76	0.29	0.49	18	0.01	57	-	NC	SC	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-67-00670-00001	0.31	1.76	0.20	0.31	13	0.01	57	-	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00670-00002	0.31	1.76	0.18	0.27	12	0.01	57	-	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00676-00001	0.33	1.87	0.18	0.27	9	0.01	57	-	-	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00688-00001	0.31	1.76	0.18	0.27	12	0.01	57	-	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-67-00671-00001	0.30	1.70	0.21	0.50	15	0.01	58	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00671-00002	0.30	1.70	0.19	0.44	14	0.01	58	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00677-00001	0.32	1.82	0.19	0.44	11	0.01	58	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00689-00001	0.30	1.70	0.19	0.44	14	0.01	58	N	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-67-00668-00001	0.32	1.82	0.53	0.61	31	0.01	57	N	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00668-00002	0.32	1.82	0.47	0.54	27	0.01	57	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-67-00674-00001	0.33	1.87	0.47	0.54	26	0.01	57	-	-	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00686-00001	0.32	1.82	0.47	0.54	27	0.01	57	N	-	-	-	A	B	-	-
	<b>3.1 Annealed, 3.1 or Tempered Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00669-00003	0.31	1.76	0.26	0.43	16	0.01	57	-	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00681-00001	0.32	1.82	0.26	0.43	15	0.01	58	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00670-00003	0.31	1.76	0.16	0.24	11	0.01	57	-	NC	SC	S	A	-	-
	Full Divided Lite (FDL)		AND-N-67-00682-00001	0.33	1.87	0.16	0.24	8	0.01	57	-	-	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00671-00003	0.30	1.70	0.17	0.39	12	0.01	58	N	NC	SC	S	A	-	-
		Full Divided Lite (FDL)	AND-N-67-00683-00001	0.32	1.82	0.17	0.39	10	0.01	58	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00668-00003	0.32	1.82	0.42	0.48	24	0.01	57	N	-	-	-	A	-	-
	Full Divided Lite (FDL)		AND-N-67-00680-00001	0.33	1.87	0.42	0.48	23	0.01	57	-	-	-	-	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.9 Annealed, or 3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
	Low-E4®	No Grilles	AND-N-67-00693-00001	0.31	1.76	0.32	0.55	20	0.01	57	-	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00693-00002	0.31	1.76	0.29	0.49	18	0.01	57	-	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00699-00001	0.32	1.82	0.29	0.49	17	0.01	57	-	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00711-00001	0.31	1.76	0.29	0.49	18	0.01	57	-	NC	SC	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-67-00694-00001	0.31	1.76	0.20	0.30	13	0.01	57	-	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00694-00002	0.31	1.76	0.18	0.27	12	0.01	57	-	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00700-00001	0.32	1.82	0.18	0.27	10	0.01	57	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00712-00001	0.31	1.76	0.18	0.27	12	0.01	57	-	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-67-00695-00001	0.30	1.70	0.22	0.49	15	0.01	58	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00695-00002	0.30	1.70	0.20	0.44	14	0.01	58	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00701-00001	0.32	1.82	0.20	0.44	12	0.01	58	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00713-00001	0.30	1.70	0.20	0.44	14	0.01	58	N	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-67-00692-00001	0.31	1.76	0.51	0.60	31	0.01	57	N	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00692-00002	0.31	1.76	0.46	0.54	28	0.01	57	N	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-67-00698-00001	0.33	1.87	0.46	0.54	26	0.01	57	-	-	-	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00710-00001	0.31	1.76	0.46	0.54	28	0.01	57	N	-	-	-	A	B	-	-
	<b>3.9 Annealed, 3.9 or Tempered Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00693-00003	0.31	1.76	0.26	0.43	16	0.01	57	-	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00705-00001	0.32	1.82	0.26	0.43	15	0.01	57	-	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VTP	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
400 Series Woodwright® Double-Hung Picture Window (w/ Capillary Breather Tubes)	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00694-00003	0.31	1.76	0.16	0.23	11	0.01	57	-	NC	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00706-00001	0.32	1.82	0.16	0.23	9	0.01	57	-	NC	SC	S	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00695-00003	0.30	1.70	0.18	0.39	13	0.01	58	N	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00707-00001	0.31	1.76	0.18	0.39	12	0.01	58	-	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00692-00003	0.31	1.76	0.41	0.47	25	0.01	57	N	-	-	-	A	B	-	-	
		Full Divided Lite (FDL)	AND-N-67-00704-00001	0.32	1.82	0.41	0.47	24	0.01	57	N	-	-	-	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	<b>4.7 Annealed, or 4.7 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																		
	Low-E4®	No Grilles	AND-N-67-00717-00001	0.31	1.76	0.32	0.54	20	0.01	56	-	NC	SC	-	A	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00717-00002	0.31	1.76	0.29	0.48	18	0.01	56	-	NC	SC	-	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00723-00001	0.32	1.82	0.29	0.48	17	0.01	56	-	NC	SC	-	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00735-00001	0.31	1.76	0.29	0.48	18	0.01	56	-	NC	SC	-	A	-	-	-	
	Low-E4® Sun	No Grilles	AND-N-67-00718-00001	0.31	1.76	0.20	0.30	13	0.01	56	-	NC	SC	S	A	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00718-00002	0.31	1.76	0.18	0.27	12	0.01	56	-	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00724-00001	0.32	1.82	0.18	0.27	10	0.01	56	-	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00736-00001	0.31	1.76	0.18	0.27	12	0.01	56	-	NC	SC	S	A	-	-	-	
	Low-E4® SmartSun™	No Grilles	AND-N-67-00719-00001	0.30	1.70	0.22	0.49	15	0.01	57	N	NC	SC	S	A	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00719-00002	0.30	1.70	0.20	0.43	14	0.01	57	N	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00725-00001	0.31	1.76	0.20	0.43	13	0.01	57	-	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00737-00001	0.30	1.70	0.20	0.43	14	0.01	57	N	NC	SC	S	A	-	-	-	
	Low-E4® PassiveSun™	No Grilles	AND-N-67-00716-00001	0.31	1.76	0.51	0.60	31	0.01	56	N	-	-	-	A	B	C	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00716-00002	0.31	1.76	0.45	0.53	27	0.01	56	N	-	-	-	A	B	-	-	
		Full Divided Lite (FDL)	AND-N-67-00722-00001	0.33	1.87	0.45	0.53	25	0.01	56	-	-	-	-	A	B	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00734-00001	0.31	1.76	0.45	0.53	27	0.01	56	N	-	-	-	A	B	-	-	
	<b>4.7 Annealed, 4.7 or Tempered Glass - w/ Grilles 1" or Greater</b>																		
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00717-00003	0.31	1.76	0.26	0.43	16	0.01	56	-	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00729-00001	0.32	1.82	0.26	0.43	15	0.01	56	-	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00718-00003	0.31	1.76	0.16	0.23	11	0.01	56	-	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00730-00001	0.32	1.82	0.16	0.23	9	0.01	56	-	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00719-00003	0.30	1.70	0.18	0.38	13	0.01	57	N	NC	SC	S	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00731-00001	0.31	1.76	0.18	0.38	12	0.01	57	-	NC	SC	S	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00716-00003	0.31	1.76	0.40	0.47	24	0.01	56	N	NC	-	-	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00728-00001	0.32	1.82	0.40	0.47	23	0.01	56	N	NC	-	-	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	<b>5.7 Annealed, or 5.7 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																		
	Low-E4®	No Grilles	AND-N-67-00741-00001	0.32	1.82	0.31	0.53	18	0.01	55	-	NC	-	-	A	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00741-00002	0.32	1.82	0.28	0.48	16	0.01	55	-	NC	SC	-	A	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00747-00001	0.33	1.87	0.28	0.48	15	0.01	55	-	-	SC	-	A	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00759-00001	0.33	1.87	0.28	0.48	15	0.01	55	-	-	SC	-	A	-	-	-	
	Low-E4® Sun	No Grilles	AND-N-67-00742-00001	0.32	1.82	0.20	0.29	12	0.01	54	-	NC	SC	S	A	-	-	-	
Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-67-00742-00002	0.32	1.82	0.18	0.26	10	0.01	54	-	NC	SC	S	A	-	-	-		
Full Divided Lite (FDL)		AND-N-67-00748-00001	0.33	1.87	0.18	0.26	9	0.01	54	-	-	SC	S	A	-	-	-		
Finelight™ (grilles-between-the-glass)		AND-N-67-00760-00001	0.34	1.93	0.18	0.26	8	0.01	54	-	-	SC	S	A	-	-	-		
Low-E4® SmartSun™	No Grilles	AND-N-67-00743-00001	0.31	1.76	0.22	0.48	14	0.01	55	-	NC	SC	S	A	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00743-00002	0.31	1.76	0.20	0.43	13	0.01	55	-	NC	SC	S	A	-	-	-		
	Full Divided Lite (FDL)	AND-N-67-00749-00001	0.32	1.82	0.20	0.43	12	0.01	55	-	NC	SC	S	A	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-67-00761-00001	0.33	1.87	0.20	0.43	11	0.01	55	-	-	SC	S	A	-	-	-		

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VTP	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
400 Series Woodwright® Double-Hung Picture Window (w/ Capillary Breather Tubes)	Low-E4® PassiveSun™	No Grilles	AND-N-67-00740-00001	0.33	1.87	0.49	0.59	27	0.01	54	-	-	-	-	A	B	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00740-00002	0.33	1.87	0.44	0.52	24	0.01	54	-	-	-	-	A	B	-	-	
		Full Divided Lite (FDL)	AND-N-67-00746-00001	0.34	1.93	0.44	0.52	23	0.01	54	-	-	-	-	A	B	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00758-00001	0.34	1.93	0.44	0.52	23	0.01	54	-	-	-	-	A	B	-	-	
	<b>5.7 Annealed, 5.7 or Tempered Glass - w/ Grilles 1" or Greater</b>																		
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00741-00003	0.32	1.82	0.25	0.42	14	0.01	55	-	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00753-00001	0.33	1.87	0.25	0.42	13	0.01	55	-	-	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00742-00003	0.32	1.82	0.16	0.23	9	0.01	54	-	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00754-00001	0.33	1.87	0.16	0.23	8	0.01	54	-	-	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00743-00003	0.31	1.76	0.18	0.38	12	0.01	55	-	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00755-00001	0.32	1.82	0.18	0.38	10	0.01	55	-	NC	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00740-00003	0.33	1.87	0.39	0.46	21	0.01	54	-	-	-	-	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00752-00001	0.33	1.87	0.39	0.46	21	0.01	54	-	-	-	-	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																		
	Low-E4®	No Grilles	AND-N-67-00669-00004	0.31	1.76	0.32	0.55	20	0.01	57	-	NC	-	-	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00669-00005	0.31	1.76	0.29	0.49	18	0.01	57	-	NC	SC	-	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00675-00002	0.33	1.87	0.29	0.49	16	0.01	57	-	-	SC	-	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00687-00002	0.31	1.76	0.29	0.49	18	0.01	57	-	NC	SC	-	A	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-67-00670-00004	0.31	1.76	0.20	0.31	13	0.01	57	-	NC	SC	S	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00670-00005	0.31	1.76	0.18	0.27	12	0.01	57	-	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00676-00002	0.33	1.87	0.18	0.27	9	0.01	57	-	-	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00688-00002	0.31	1.76	0.18	0.27	12	0.01	57	-	NC	SC	S	A	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-67-00671-00004	0.30	1.70	0.21	0.50	15	0.01	58	N	NC	SC	S	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00671-00005	0.30	1.70	0.19	0.44	14	0.01	58	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00677-00002	0.32	1.82	0.19	0.44	11	0.01	58	-	NC	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00689-00002	0.30	1.70	0.19	0.44	14	0.01	58	N	NC	SC	S	A	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-67-00668-00004	0.32	1.82	0.50	0.61	29	0.01	57	N	-	-	-	A	B	C	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00668-00005	0.32	1.82	0.45	0.54	26	0.01	57	N	-	-	-	A	B	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00674-00002	0.33	1.87	0.45	0.54	25	0.01	57	-	-	-	-	A	B	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00686-00002	0.32	1.82	0.45	0.54	26	0.01	57	N	-	-	-	A	B	-	-	-
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																		
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00669-00006	0.31	1.76	0.26	0.43	16	0.01	57	-	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00681-00002	0.32	1.82	0.26	0.43	15	0.01	58	-	NC	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00670-00006	0.31	1.76	0.16	0.24	11	0.01	57	-	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00682-00002	0.33	1.87	0.16	0.24	8	0.01	57	-	-	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00671-00006	0.30	1.70	0.17	0.39	12	0.01	58	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00683-00002	0.32	1.82	0.17	0.39	10	0.01	58	-	NC	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00668-00006	0.32	1.82	0.40	0.48	23	0.01	57	N	NC	-	-	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00680-00002	0.33	1.87	0.40	0.48	22	0.01	57	-	-	-	-	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																		
	Low-E4®	No Grilles	AND-N-67-00693-00004	0.31	1.76	0.32	0.55	20	0.01	57	-	NC	-	-	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00693-00005	0.31	1.76	0.29	0.49	18	0.01	57	-	NC	SC	-	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-67-00699-00002	0.32	1.82	0.29	0.49	17	0.01	57	-	NC	SC	-	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-67-00711-00002	0.31	1.76	0.29	0.49	18	0.01	57	-	NC	SC	-	A	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VTP	Canada ER	Air Infiltration	Condensation Resistance	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010					
											Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D		
400 Series Woodwright® Double-Hung Picture Window (w/ Capillary Breather Tubes)	Low-E4® Sun	No Grilles	AND-N-67-00694-00004	0.31	1.76	0.20	0.30	13	0.01	57	-	NC	SC	S	A	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00694-00005	0.31	1.76	0.18	0.27	12	0.01	57	-	NC	SC	S	A	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00700-00002	0.32	1.82	0.18	0.27	10	0.01	57	-	NC	SC	S	A	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00712-00002	0.31	1.76	0.18	0.27	12	0.01	57	-	NC	SC	S	A	-	-	-	-	
	Low-E4® SmartSun™	No Grilles	AND-N-67-00695-00004	0.30	1.70	0.22	0.49	15	0.01	58	N	NC	SC	S	A	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00695-00005	0.30	1.70	0.20	0.44	14	0.01	58	N	NC	SC	S	A	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00701-00002	0.32	1.82	0.20	0.44	12	0.01	58	-	NC	SC	S	A	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00713-00002	0.30	1.70	0.20	0.44	14	0.01	58	N	NC	SC	S	A	-	-	-	-	
	Low-E4® PassiveSun™	No Grilles	AND-N-67-00692-00004	0.31	1.76	0.48	0.60	29	0.01	57	N	-	-	-	A	B	C	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00692-00005	0.31	1.76	0.44	0.54	27	0.01	57	N	-	-	-	A	B	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00698-00002	0.33	1.87	0.44	0.54	24	0.01	57	-	-	-	-	A	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-67-00710-00002	0.31	1.76	0.44	0.54	27	0.01	57	N	-	-	-	A	B	-	-	-	
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																			
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00693-00006	0.31	1.76	0.26	0.43	16	0.01	57	-	NC	SC	S	A	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00705-00002	0.32	1.82	0.26	0.43	15	0.01	57	-	NC	SC	S	A	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00694-00006	0.31	1.76	0.16	0.23	11	0.01	57	-	NC	SC	S	A	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00706-00002	0.32	1.82	0.16	0.23	9	0.01	57	-	NC	SC	S	A	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00695-00006	0.30	1.70	0.18	0.39	13	0.01	58	N	NC	SC	S	A	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00707-00002	0.31	1.76	0.18	0.39	12	0.01	58	-	NC	SC	S	A	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-67-00692-00006	0.31	1.76	0.39	0.47	24	0.01	57	N	NC	-	-	A	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-67-00704-00002	0.32	1.82	0.39	0.47	23	0.01	57	-	NC	-	-	A	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-68-00161-00001	0.28	1.59	0.33	0.57	24	0.01	N	NC	-	-	A	B	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00161-00002	0.28	1.59	0.30	0.51	22	0.01	N	NC	SC	-	A	B	-	-	
	Full Divided Lite (FDL)	AND-N-68-00168-00001	0.29	1.65	0.30	0.51	21	0.01	N	NC	SC	-	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-68-00175-00001	0.28	1.59	0.30	0.51	22	0.01	N	NC	SC	-	A	B	-	-	
Low-E4® Sun	No Grilles	AND-N-68-00163-00001	0.28	1.59	0.20	0.32	17	0.01	N	NC	SC	S	A	B	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00163-00002	0.28	1.59	0.18	0.28	15	0.01	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-68-00170-00001	0.30	1.70	0.18	0.28	13	0.01	N	NC	SC	S	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-68-00177-00001	0.28	1.59	0.18	0.28	15	0.01	N	NC	SC	S	A	-	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-68-00164-00001	0.27	1.53	0.22	0.52	19	0.01	N	NC	SC	S	A	B	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00164-00002	0.27	1.53	0.20	0.46	18	0.01	N	NC	SC	S	A	B	-	-	
	Full Divided Lite (FDL)	AND-N-68-00171-00001	0.29	1.65	0.20	0.46	15	0.01	N	NC	SC	S	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-68-00178-00001	0.27	1.53	0.20	0.46	18	0.01	N	NC	SC	S	A	B	-	-	
Low-E4® PassiveSun™	No Grilles	AND-N-68-00160-00001	0.30	1.70	0.56	0.63	35	0.01	N	-	-	-	A	B	C	D	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00160-00002	0.30	1.70	0.50	0.56	32	0.01	N	-	-	-	A	B	C	-	
	Full Divided Lite (FDL)	AND-N-68-00167-00001	0.31	1.76	0.50	0.56	30	0.01	N	-	-	-	A	B	C	-	
	Finelight™ (grilles-between-the-glass)	AND-N-68-00174-00001	0.30	1.70	0.50	0.56	32	0.01	N	-	-	-	A	B	C	-	
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00161-00003	0.28	1.59	0.27	0.45	21	0.01	N	NC	SC	S	A	B	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00163-00003	0.28	1.59	0.17	0.25	15	0.01	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00164-00003	0.27	1.53	0.18	0.41	17	0.01	N	NC	SC	S	A	B	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00160-00003	0.30	1.70	0.45	0.50	29	0.01	N	-	-	-	A	B	C	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
<b>3.9 Annealed, or 3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-68-00182-00001	0.27	1.53	0.33	0.57	25	0.01	N	NC	-	-	A	B	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00182-00002	0.27	1.53	0.30	0.51	24	0.01	N	NC	SC	-	A	B	-	-	
	Full Divided Lite (FDL)	AND-N-68-00189-00001	0.29	1.65	0.30	0.51	21	0.01	N	NC	SC	-	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-68-00196-00001	0.27	1.53	0.30	0.51	24	0.01	N	NC	SC	-	A	B	-	-	
Low-E4® Sun	No Grilles	AND-N-68-00184-00001	0.28	1.59	0.20	0.31	17	0.01	N	NC	SC	S	A	B	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00184-00002	0.28	1.59	0.18	0.28	15	0.01	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-68-00191-00001	0.29	1.65	0.18	0.28	14	0.01	N	NC	SC	S	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-68-00198-00001	0.28	1.59	0.18	0.28	15	0.01	N	NC	SC	S	A	-	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-68-00185-00001	0.27	1.53	0.22	0.51	19	0.01	N	NC	SC	S	A	B	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00185-00002	0.27	1.53	0.20	0.46	18	0.01	N	NC	SC	S	A	B	-	-	
	Full Divided Lite (FDL)	AND-N-68-00192-00001	0.28	1.59	0.20	0.46	17	0.01	N	NC	SC	S	A	B	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-68-00199-00001	0.27	1.53	0.20	0.46	18	0.01	N	NC	SC	S	A	B	-	-	
Low-E4® PassiveSun™	No Grilles	AND-N-68-00181-00001	0.29	1.65	0.54	0.62	35	0.01	N	-	-	-	A	B	C	D	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00181-00002	0.29	1.65	0.49	0.56	32	0.01	N	-	-	-	A	B	C	-	
	Full Divided Lite (FDL)	AND-N-68-00188-00001	0.31	1.76	0.49	0.56	30	0.01	N	-	-	-	A	B	C	-	
	Finelight™ (grilles-between-the-glass)	AND-N-68-00195-00001	0.29	1.65	0.49	0.56	32	0.01	N	-	-	-	A	B	C	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Zone A	Zone B	Zone C	Zone D	
<b>3.9 Annealed, or 3.9 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00182-00003	0.27	1.53	0.27	0.45	22	0.01	N	NC	SC	S	A	B	C	D
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00184-00003	0.28	1.59	0.16	0.25	14	0.01	N	NC	SC	S	A	B	C	D
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00185-00003	0.27	1.53	0.18	0.41	17	0.01	N	NC	SC	S	A	B	C	D
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00181-00003	0.29	1.65	0.44	0.49	29	0.01	N	-	-	-	A	B	C	D
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
Low-E4®	No Grilles		AND-N-68-00161-00004	0.28	1.59	0.33	0.57	24	0.01	N	NC	-	-	A	B	C	D
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00161-00005	0.28	1.59	0.30	0.51	22	0.01	N	NC	SC	-	A	B	C	D
	Full Divided Lite (FDL)		AND-N-68-00168-00002	0.29	1.65	0.30	0.51	21	0.01	N	NC	SC	-	A	B	C	D
	Finelight™ (grilles-between-the-glass)		AND-N-68-00175-00002	0.28	1.59	0.30	0.51	22	0.01	N	NC	SC	-	A	B	C	D
Low-E4® Sun	No Grilles		AND-N-68-00163-00004	0.28	1.59	0.20	0.32	17	0.01	N	NC	SC	S	A	B	C	D
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00163-00005	0.28	1.59	0.18	0.28	15	0.01	N	NC	SC	S	A	B	C	D
	Full Divided Lite (FDL)		AND-N-68-00170-00002	0.30	1.70	0.18	0.28	13	0.01	N	NC	SC	S	A	B	C	D
	Finelight™ (grilles-between-the-glass)		AND-N-68-00177-00002	0.28	1.59	0.18	0.28	15	0.01	N	NC	SC	S	A	B	C	D
Low-E4® SmartSun™	No Grilles		AND-N-68-00164-00004	0.27	1.53	0.22	0.52	19	0.01	N	NC	SC	S	A	B	C	D
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00164-00005	0.27	1.53	0.20	0.46	18	0.01	N	NC	SC	S	A	B	C	D
	Full Divided Lite (FDL)		AND-N-68-00171-00002	0.29	1.65	0.20	0.46	15	0.01	N	NC	SC	S	A	B	C	D
	Finelight™ (grilles-between-the-glass)		AND-N-68-00178-00002	0.27	1.53	0.20	0.46	18	0.01	N	NC	SC	S	A	B	C	D
Low-E4® PassiveSun™	No Grilles		AND-N-68-00160-00004	0.30	1.70	0.52	0.63	33	0.01	N	-	-	-	A	B	C	D
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00160-00005	0.30	1.70	0.47	0.56	30	0.01	N	-	-	-	A	B	C	D
	Full Divided Lite (FDL)		AND-N-68-00167-00002	0.31	1.76	0.47	0.56	29	0.01	N	-	-	-	A	B	C	D
	Finelight™ (grilles-between-the-glass)		AND-N-68-00174-00002	0.30	1.70	0.47	0.56	30	0.01	N	-	-	-	A	B	C	D
<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00161-00006	0.28	1.59	0.27	0.45	21	0.01	N	NC	SC	S	A	B	C	D
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00163-00006	0.28	1.59	0.17	0.25	15	0.01	N	NC	SC	S	A	B	C	D
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00164-00006	0.27	1.53	0.18	0.41	17	0.01	N	NC	SC	S	A	B	C	D
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00160-00006	0.30	1.70	0.42	0.50	27	0.01	N	-	-	-	A	B	C	D
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-

400 Series  
Woodwright®  
Double-Hung  
Transom  
Window

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Woodwright® Double-Hung Transom Window	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-68-00182-00004	0.27	1.53	0.33	0.57	25	0.01	N	NC	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00182-00005	0.27	1.53	0.30	0.51	24	0.01	N	NC	SC	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-68-00189-00002	0.29	1.65	0.30	0.51	21	0.01	N	NC	SC	-	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-68-00196-00002	0.27	1.53	0.30	0.51	24	0.01	N	NC	SC	-	A	B	-	-
	Low-E4® Sun	No Grilles	AND-N-68-00184-00004	0.28	1.59	0.20	0.31	17	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00184-00005	0.28	1.59	0.18	0.28	15	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-68-00191-00002	0.29	1.65	0.18	0.28	14	0.01	N	NC	SC	S	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-68-00198-00002	0.28	1.59	0.18	0.28	15	0.01	N	NC	SC	S	A	B	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-68-00185-00004	0.27	1.53	0.22	0.51	19	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00185-00005	0.27	1.53	0.20	0.46	18	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-68-00192-00002	0.28	1.59	0.20	0.46	17	0.01	N	NC	SC	S	A	B	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-68-00199-00002	0.27	1.53	0.20	0.46	18	0.01	N	NC	SC	S	A	B	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-68-00181-00004	0.29	1.65	0.54	0.62	35	0.01	N	-	-	-	A	B	C	D
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00181-00005	0.29	1.65	0.49	0.56	32	0.01	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-68-00188-00002	0.31	1.76	0.49	0.56	30	0.01	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-68-00195-00002	0.29	1.65	0.49	0.56	32	0.01	N	-	-	-	A	B	C	-
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00182-00006	0.27	1.53	0.27	0.45	22	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00184-00006	0.28	1.59	0.16	0.25	14	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00185-00006	0.27	1.53	0.18	0.41	17	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00181-00006	0.29	1.65	0.44	0.49	29	0.01	N	-	-	-	A	B	C	-
Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Zone A	Zone B	Zone C	Zone D
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
Low-E4®	No Grilles	AND-N-68-00077-00001	0.31	1.76	0.33	0.57	20	0.01	-	NC	-	-	A	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00077-00002	0.31	1.76	0.30	0.51	19	0.01	-	NC	SC	-	A	-	-	
	Full Divided Lite (FDL)	AND-N-68-00084-00001	0.33	1.87	0.30	0.51	16	0.01	-	-	SC	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-68-00091-00001	0.31	1.76	0.30	0.51	19	0.01	-	NC	SC	-	A	-	-	
Low-E4® Sun	No Grilles	AND-N-68-00079-00001	0.32	1.82	0.21	0.32	12	0.01	-	NC	SC	S	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00079-00002	0.32	1.82	0.19	0.28	11	0.01	-	NC	SC	S	-	-	-	
	Full Divided Lite (FDL)	AND-N-68-00086-00001	0.33	1.87	0.19	0.28	10	0.01	-	-	SC	S	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-68-00093-00001	0.32	1.82	0.19	0.28	11	0.01	-	NC	SC	S	-	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-68-00080-00001	0.31	1.76	0.22	0.52	14	0.01	-	NC	SC	S	A	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00080-00002	0.31	1.76	0.20	0.46	13	0.01	-	NC	SC	S	A	-	-	
	Full Divided Lite (FDL)	AND-N-68-00087-00001	0.32	1.82	0.20	0.46	12	0.01	-	NC	SC	S	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-68-00094-00001	0.31	1.76	0.20	0.46	13	0.01	-	NC	SC	S	A	-	-	
Low-E4® PassiveSun™	No Grilles	AND-N-68-00076-00001	0.33	1.87	0.56	0.63	31	0.01	-	-	-	-	A	B	C	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00076-00002	0.33	1.87	0.50	0.56	28	0.01	-	-	-	-	A	B	-	
	Full Divided Lite (FDL)	AND-N-68-00083-00001	0.35	1.99	0.50	0.56	25	0.01	-	-	-	-	A	B	-	
	Finelight™ (grilles-between-the-glass)	AND-N-68-00090-00001	0.33	1.87	0.50	0.56	28	0.01	-	-	-	-	A	B	-	
<b>3.1 Annealed, 3.1 or Tempered Glass - w/ Grilles 1" or Greater</b>																
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00077-00003	0.31	1.76	0.27	0.45	17	0.01	-	NC	SC	S	A	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00079-00003	0.32	1.82	0.17	0.25	10	0.01	-	NC	SC	S	-	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00080-00003	0.31	1.76	0.18	0.41	12	0.01	-	NC	SC	S	-	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00076-00003	0.33	1.87	0.45	0.50	25	0.01	-	-	-	-	A	B	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	
<b>3.9 Annealed, or 3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
Low-E4®	No Grilles	AND-N-68-00098-00001	0.31	1.76	0.33	0.57	20	0.01	-	NC	-	-	A	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00098-00002	0.31	1.76	0.30	0.51	19	0.01	-	NC	SC	-	A	-	-	
	Full Divided Lite (FDL)	AND-N-68-00105-00001	0.33	1.87	0.30	0.51	16	0.01	-	-	SC	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-68-00112-00001	0.31	1.76	0.30	0.51	19	0.01	-	NC	SC	-	A	-	-	
Low-E4® Sun	No Grilles	AND-N-68-00100-00001	0.31	1.76	0.20	0.31	13	0.01	-	NC	SC	S	A	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00100-00002	0.31	1.76	0.19	0.28	12	0.01	-	NC	SC	S	-	-	-	
	Full Divided Lite (FDL)	AND-N-68-00107-00001	0.33	1.87	0.19	0.28	10	0.01	-	-	SC	S	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-68-00114-00001	0.31	1.76	0.19	0.28	12	0.01	-	NC	SC	S	-	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-68-00101-00001	0.30	1.70	0.22	0.51	15	0.01	N	NC	SC	S	A	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00101-00002	0.30	1.70	0.20	0.46	14	0.01	N	NC	SC	S	A	-	-	
	Full Divided Lite (FDL)	AND-N-68-00108-00001	0.32	1.82	0.20	0.46	12	0.01	-	NC	SC	S	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-68-00115-00001	0.30	1.70	0.20	0.46	14	0.01	N	NC	SC	S	A	-	-	
Low-E4® PassiveSun™	No Grilles	AND-N-68-00097-00001	0.33	1.87	0.54	0.62	30	0.01	-	-	-	-	A	B	C	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00097-00002	0.33	1.87	0.49	0.56	27	0.01	-	-	-	-	A	B	-	
	Full Divided Lite (FDL)	AND-N-68-00104-00001	0.34	1.93	0.49	0.56	26	0.01	-	-	-	-	A	B	-	
	Finelight™ (grilles-between-the-glass)	AND-N-68-00111-00001	0.33	1.87	0.49	0.56	27	0.01	-	-	-	-	A	B	-	

400 Series  
Woodwright®  
Double-Hung  
Transom  
Window (w/  
Capillary  
Breather Tubes)



Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Zone A	Zone B	Zone C	Zone D
<b>3.9 Annealed, 3.9 or Tempered Glass - w/ Grilles 1" or Greater</b>																
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00098-00003	0.31	1.76	0.27	0.45	17	0.01	-	NC	SC	S	A	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00100-00003	0.31	1.76	0.17	0.25	11	0.01	-	NC	SC	S	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00101-00003	0.30	1.70	0.18	0.41	13	0.01	N	NC	SC	S	A	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00097-00003	0.33	1.87	0.43	0.49	24	0.01	-	-	-	-	A	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
Low-E4®	No Grilles		AND-N-68-00077-00004	0.31	1.76	0.33	0.57	20	0.01	-	NC	-	-	A	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00077-00005	0.31	1.76	0.30	0.51	19	0.01	-	NC	SC	-	A	-	-
	Full Divided Lite (FDL)		AND-N-68-00084-00002	0.33	1.87	0.30	0.51	16	0.01	-	-	SC	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-68-00091-00002	0.31	1.76	0.30	0.51	19	0.01	-	NC	SC	-	A	-	-
Low-E4® Sun	No Grilles		AND-N-68-00079-00004	0.32	1.82	0.21	0.32	12	0.01	-	NC	SC	S	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00079-00005	0.32	1.82	0.19	0.28	11	0.01	-	NC	SC	S	-	-	-
	Full Divided Lite (FDL)		AND-N-68-00086-00002	0.33	1.87	0.19	0.28	10	0.01	-	-	SC	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-68-00093-00002	0.32	1.82	0.19	0.28	11	0.01	-	NC	SC	S	-	-	-
Low-E4® SmartSun™	No Grilles		AND-N-68-00080-00004	0.31	1.76	0.22	0.52	14	0.01	-	NC	SC	S	A	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00080-00005	0.31	1.76	0.20	0.46	13	0.01	-	NC	SC	S	A	-	-
	Full Divided Lite (FDL)		AND-N-68-00087-00002	0.32	1.82	0.20	0.46	12	0.01	-	NC	SC	S	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-68-00094-00002	0.31	1.76	0.20	0.46	13	0.01	-	NC	SC	S	A	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-68-00076-00004	0.33	1.87	0.52	0.63	29	0.01	-	-	-	-	A	B	C
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00076-00005	0.33	1.87	0.47	0.56	26	0.01	-	-	-	-	A	B	-
	Full Divided Lite (FDL)		AND-N-68-00083-00002	0.35	1.99	0.47	0.56	23	0.01	-	-	-	-	A	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-68-00090-00002	0.33	1.87	0.47	0.56	26	0.01	-	-	-	-	A	B	-
<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00077-00006	0.31	1.76	0.27	0.45	17	0.01	-	NC	SC	S	A	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00079-00006	0.32	1.82	0.17	0.25	10	0.01	-	NC	SC	S	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00080-00006	0.31	1.76	0.18	0.41	12	0.01	-	NC	SC	S	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-68-00076-00006	0.33	1.87	0.42	0.50	23	0.01	-	-	-	-	A	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-

400 Series  
Woodwright®  
Double-Hung  
Transom  
Window (w/  
Capillary  
Breather Tubes)

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010								
										Northern	N. Central	S. Central	Zone A	Zone B	Zone C	Zone D					
400 Series Woodwright® Double-Hung Transom Window (w/ Capillary Breather Tubes)	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																				
	Low-E4®	No Grilles	AND-N-68-00098-00004	0.31	1.76	0.33	0.57	20	0.01	-	NC	-	-	A	-	-	-				
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00098-00005	0.31	1.76	0.30	0.51	19	0.01	-	NC	SC	-	A	-	-	-				
		Full Divided Lite (FDL)	AND-N-68-00105-00002	0.33	1.87	0.30	0.51	16	0.01	-	-	SC	-	-	-	-	-				
		Finelight™ (grilles-between-the-glass)	AND-N-68-00112-00002	0.31	1.76	0.30	0.51	19	0.01	-	NC	SC	-	A	-	-	-				
	Low-E4® Sun	No Grilles	AND-N-68-00100-00004	0.31	1.76	0.20	0.31	13	0.01	-	NC	SC	S	A	-	-	-				
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00100-00005	0.31	1.76	0.19	0.28	12	0.01	-	NC	SC	S	-	-	-	-				
		Full Divided Lite (FDL)	AND-N-68-00107-00002	0.33	1.87	0.19	0.28	10	0.01	-	-	SC	S	-	-	-	-				
		Finelight™ (grilles-between-the-glass)	AND-N-68-00114-00002	0.31	1.76	0.19	0.28	12	0.01	-	NC	SC	S	-	-	-	-				
	Low-E4® SmartSun™	No Grilles	AND-N-68-00101-00004	0.30	1.70	0.22	0.51	15	0.01	N	NC	SC	S	A	-	-	-				
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00101-00005	0.30	1.70	0.20	0.46	14	0.01	N	NC	SC	S	A	-	-	-				
		Full Divided Lite (FDL)	AND-N-68-00108-00002	0.32	1.82	0.20	0.46	12	0.01	-	NC	SC	S	-	-	-	-				
		Finelight™ (grilles-between-the-glass)	AND-N-68-00115-00002	0.30	1.70	0.20	0.46	14	0.01	N	NC	SC	S	A	-	-	-				
	Low-E4® PassiveSun™	No Grilles	AND-N-68-00097-00004	0.33	1.87	0.54	0.62	30	0.01	-	-	-	-	A	B	C	-				
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00097-00005	0.33	1.87	0.49	0.56	27	0.01	-	-	-	-	A	B	-	-				
		Full Divided Lite (FDL)	AND-N-68-00104-00002	0.34	1.93	0.49	0.56	26	0.01	-	-	-	-	A	B	-	-				
		Finelight™ (grilles-between-the-glass)	AND-N-68-00111-00002	0.33	1.87	0.49	0.56	27	0.01	-	-	-	-	A	B	-	-				
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																				
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00098-00006	0.31	1.76	0.27	0.45	17	0.01	-	NC	SC	S	A	-	-	-				
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-				
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-				
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00100-00006	0.31	1.76	0.17	0.25	11	0.01	-	NC	SC	S	-	-	-	-				
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-				
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-				
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00101-00006	0.30	1.70	0.18	0.41	13	0.01	N	NC	SC	S	A	-	-	-				
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-				
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-				
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-68-00097-00006	0.33	1.87	0.43	0.49	24	0.01	-	-	-	-	A	-	-	-				
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-				
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-				

Andersen® 100 Series Series 2 Single Hung

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										N	NC	SC	S	A	B	C	D
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles		AND-N-74-00303-00001	0.30	1.70	0.31	0.53	20	0.08	N	NC	-	-	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-74-00303-00002	0.30	1.70	0.28	0.47	18	0.08	N	NC	SC	-	A	-	-	-
	Full Divided Lite (FDL)		AND-N-74-00309-00001	0.31	1.76	0.28	0.47	17	0.08	-	NC	SC	-	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-74-00315-00001	0.30	1.70	0.28	0.47	18	0.08	N	NC	SC	-	A	-	-	-
Low-E4® Sun	No Grilles		AND-N-74-00305-00001	0.30	1.70	0.19	0.30	13	0.08	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-74-00305-00002	0.30	1.70	0.17	0.26	12	0.08	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-74-00311-00001	0.32	1.82	0.17	0.26	9	0.08	-	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-74-00317-00001	0.30	1.70	0.17	0.26	12	0.08	N	NC	SC	S	A	-	-	-
Low-E4® SmartSun™	No Grilles		AND-N-74-00306-00001	0.29	1.65	0.21	0.48	15	0.08	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-74-00306-00002	0.29	1.65	0.19	0.43	14	0.08	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-74-00312-00001	0.31	1.76	0.19	0.43	12	0.08	-	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-74-00318-00001	0.29	1.65	0.19	0.43	14	0.08	N	NC	SC	S	A	-	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-74-00302-00001	0.32	1.82	0.52	0.59	29	0.08	N	-	-	-	A	B	C	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-74-00302-00002	0.32	1.82	0.47	0.52	26	0.08	N	-	-	-	A	B	-	-
	Full Divided Lite (FDL)		AND-N-74-00308-00001	0.33	1.87	0.47	0.52	25	0.08	-	-	-	-	A	B	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-74-00314-00001	0.32	1.82	0.47	0.52	26	0.08	N	-	-	-	A	B	-	-
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-74-00303-00003	0.30	1.70	0.25	0.42	16	0.08	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a								
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a								
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-74-00305-00003	0.30	1.70	0.16	0.23	11	0.08	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a								
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a								
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-74-00306-00003	0.29	1.65	0.17	0.38	13	0.08	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a								
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a								
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-74-00302-00003	0.32	1.82	0.41	0.46	23	0.08	N	-	-	-	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a								
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a								
<b>3.9 Annealed, or 3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles		AND-N-74-00321-00001	0.31	1.76	0.31	0.53	19	0.08	-	NC	-	-	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-74-00321-00002	0.31	1.76	0.28	0.47	17	0.08	-	NC	SC	-	A	-	-	-
	Full Divided Lite (FDL)		AND-N-74-00327-00001	0.32	1.82	0.28	0.47	16	0.08	-	NC	SC	-	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-74-00333-00001	0.32	1.82	0.28	0.47	16	0.08	-	NC	SC	-	A	-	-	-
Low-E4® Sun	No Grilles		AND-N-74-00323-00001	0.31	1.76	0.19	0.29	12	0.08	-	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-74-00323-00002	0.31	1.76	0.17	0.26	10	0.08	-	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-74-00329-00001	0.32	1.82	0.17	0.26	9	0.08	-	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-74-00335-00001	0.32	1.82	0.17	0.26	9	0.08	-	NC	SC	S	A	-	-	-
Low-E4® SmartSun™	No Grilles		AND-N-74-00324-00001	0.30	1.70	0.21	0.48	14	0.08	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-74-00324-00002	0.30	1.70	0.19	0.42	13	0.08	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-74-00330-00001	0.31	1.76	0.19	0.42	12	0.08	-	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-74-00336-00001	0.31	1.76	0.19	0.42	12	0.08	-	NC	SC	S	A	-	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-74-00320-00001	0.33	1.87	0.50	0.58	27	0.08	-	-	-	-	A	B	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-74-00320-00002	0.33	1.87	0.45	0.52	24	0.08	-	-	-	-	A	-	-	-
	Full Divided Lite (FDL)		AND-N-74-00326-00001	0.33	1.87	0.45	0.52	24	0.08	-	-	-	-	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-74-00332-00001	0.34	1.93	0.45	0.52	23	0.08	-	-	-	-	A	-	-	-
<b>3.9 Annealed, or 3.9 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-74-00321-00003	0.31	1.76	0.25	0.41	15	0.08	-	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a								
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a								

400 Series Woodright® Double-Hung Insert Window

Andersen® 100 Series Series 2 Single Hung

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Woodright® Double-Hung Insert Window	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00323-00003	0.31	1.76	0.15	0.23	9	0.08	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00324-00003	0.30	1.70	0.17	0.37	12	0.08	N	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00320-00003	0.33	1.87	0.40	0.46	21	0.08	-	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-74-00357-00001	0.31	1.76	0.31	0.53	19	0.08	-	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00357-00002	0.31	1.76	0.28	0.47	17	0.08	-	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-74-00363-00001	0.32	1.82	0.28	0.47	16	0.08	-	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-74-00369-00001	0.32	1.82	0.28	0.47	16	0.08	-	NC	SC	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-74-00359-00001	0.31	1.76	0.19	0.29	12	0.08	-	NC	SC	S	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00359-00002	0.31	1.76	0.17	0.26	10	0.08	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-74-00365-00001	0.32	1.82	0.17	0.26	9	0.08	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-74-00371-00001	0.32	1.82	0.17	0.26	9	0.08	-	NC	SC	S	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-74-00360-00001	0.30	1.70	0.21	0.48	14	0.08	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00360-00002	0.30	1.70	0.19	0.42	13	0.08	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-74-00366-00001	0.31	1.76	0.19	0.42	12	0.08	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-74-00372-00001	0.31	1.76	0.19	0.42	12	0.08	-	NC	SC	S	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-74-00356-00001	0.33	1.87	0.50	0.58	27	0.08	-	-	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00356-00002	0.33	1.87	0.45	0.52	24	0.08	-	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-74-00362-00001	0.33	1.87	0.45	0.52	24	0.08	-	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-74-00368-00001	0.34	1.93	0.45	0.52	23	0.08	-	-	-	-	A	-	-	-
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00357-00003	0.31	1.76	0.25	0.41	15	0.08	-	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00359-00003	0.31	1.76	0.15	0.23	9	0.08	-	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00360-00003	0.30	1.70	0.17	0.37	12	0.08	N	NC	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00356-00003	0.33	1.87	0.40	0.46	21	0.08	-	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Woodright® Double-Hung Insert Window (w/ Capillary Breather Tubes)	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-74-00231-00001	0.34	1.93	0.31	0.53	15	0.08	-	-	-	-	-	-		
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00231-00002	0.34	1.93	0.28	0.47	13	0.08	-	-	SC	-	-	-		
		Full Divided Lite (FDL)	AND-N-74-00237-00001	0.35	1.99	0.28	0.47	12	0.08	-	-	SC	-	-	-		
		Finelight™ (grilles-between-the-glass)	AND-N-74-00243-00001	0.34	1.93	0.28	0.47	13	0.08	-	-	SC	-	-	-		
	Low-E4® Sun	No Grilles	AND-N-74-00233-00001	0.34	1.93	0.20	0.30	8	0.08	-	-	SC	SB	-	-		
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00233-00002	0.34	1.93	0.18	0.26	7	0.08	-	-	SC	SB	-	-		
		Full Divided Lite (FDL)	AND-N-74-00239-00001	0.35	1.99	0.18	0.26	6	0.08	-	-	SC	SB	-	-		
		Finelight™ (grilles-between-the-glass)	AND-N-74-00245-00001	0.34	1.93	0.18	0.26	7	0.08	-	-	SC	SB	-	-		
	Low-E4® SmartSun™	No Grilles	AND-N-74-00234-00001	0.33	1.87	0.21	0.48	10	0.08	-	-	SC	SB	-	-		
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00234-00002	0.33	1.87	0.19	0.43	9	0.08	-	-	SC	SB	-	-		
		Full Divided Lite (FDL)	AND-N-74-00240-00001	0.34	1.93	0.19	0.43	8	0.08	-	-	SC	SB	-	-		
		Finelight™ (grilles-between-the-glass)	AND-N-74-00246-00001	0.33	1.87	0.19	0.43	9	0.08	-	-	SC	SB	-	-		
	Low-E4® PassiveSun™	No Grilles	AND-N-74-00230-00001	0.35	1.99	0.52	0.59	26	0.08	-	-	-	-	A	B		
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00230-00002	0.35	1.99	0.46	0.52	22	0.08	-	-	-	-	A	-		
		Full Divided Lite (FDL)	AND-N-74-00236-00001	0.36	2.04	0.46	0.52	21	0.08	-	-	-	-	-	-		
		Finelight™ (grilles-between-the-glass)	AND-N-74-00242-00001	0.35	1.99	0.46	0.52	22	0.08	-	-	-	-	A	-		
	<b>3.1 Annealed, 3.1 or Tempered Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00231-00003	0.34	1.93	0.25	0.42	11	0.08	-	-	SC	S	-	-		
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-		
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-		
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00233-00003	0.34	1.93	0.16	0.23	6	0.08	-	-	SC	S	-	-		
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-		
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-		
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00234-00003	0.33	1.87	0.17	0.38	8	0.08	-	-	SC	S	-	-		
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-		
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-		
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00230-00003	0.35	1.99	0.41	0.46	19	0.08	-	-	-	-	-	-		
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-		
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-		
	<b>3.9 Annealed, or 3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-74-00249-00001	0.35	1.99	0.31	0.53	14	0.08	-	-	-	-	-	-		
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00249-00002	0.35	1.99	0.28	0.47	12	0.08	-	-	SC	-	-	-		
		Full Divided Lite (FDL)	AND-N-74-00255-00001	0.36	2.04	0.28	0.47	11	0.08	-	-	-	-	-	-		
		Finelight™ (grilles-between-the-glass)	AND-N-74-00261-00001	0.36	2.04	0.28	0.47	11	0.08	-	-	-	-	-	-		
	Low-E4® Sun	No Grilles	AND-N-74-00251-00001	0.35	1.99	0.20	0.29	7	0.08	-	-	SC	SB	-	-		
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00251-00002	0.35	1.99	0.18	0.26	6	0.08	-	-	SC	SB	-	-		
		Full Divided Lite (FDL)	AND-N-74-00257-00001	0.36	2.04	0.18	0.26	5	0.08	-	-	-	SB	-	-		
		Finelight™ (grilles-between-the-glass)	AND-N-74-00263-00001	0.36	2.04	0.18	0.26	5	0.08	-	-	-	SB	-	-		
	Low-E4® SmartSun™	No Grilles	AND-N-74-00252-00001	0.34	1.93	0.21	0.48	9	0.08	-	-	SC	SB	-	-		
Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-74-00252-00002	0.34	1.93	0.19	0.42	8	0.08	-	-	SC	SB	-	-			
Full Divided Lite (FDL)		AND-N-74-00258-00001	0.36	2.04	0.19	0.42	5	0.08	-	-	-	SB	-	-			
Finelight™ (grilles-between-the-glass)		AND-N-74-00264-00001	0.36	2.04	0.19	0.42	5	0.08	-	-	-	SB	-	-			
Low-E4® PassiveSun™	No Grilles	AND-N-74-00248-00001	0.37	2.10	0.50	0.58	22	0.08	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00248-00002	0.37	2.10	0.45	0.52	19	0.08	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-74-00254-00001	0.37	2.10	0.45	0.52	19	0.08	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	AND-N-74-00260-00001	0.38	2.16	0.45	0.52	18	0.08	-	-	-	-	-	-			
<b>3.9 Annealed, 3.9 or Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00249-00003	0.35	1.99	0.25	0.41	10	0.08	-	-	SC	S	-	-			
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			

Andersen® 100 Series Series 2 Single Hung

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
400 Series Woodright® Double-Hung Insert Window (w/ Capillary Breather Tubes)	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00251-00003	0.35	1.99	0.16	0.23	5	0.08	-	-	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00252-00003	0.34	1.93	0.17	0.37	7	0.08	-	-	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00248-00003	0.37	2.10	0.40	0.46	16	0.08	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
	Low-E4®	No Grilles	AND-N-74-00285-00001	0.35	1.99	0.31	0.53	14	0.08	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00285-00002	0.35	1.99	0.28	0.47	12	0.08	-	-	SC	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-74-00291-00001	0.36	2.04	0.28	0.47	11	0.08	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-74-00297-00001	0.36	2.04	0.28	0.47	11	0.08	-	-	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-74-00287-00001	0.35	1.99	0.20	0.29	7	0.08	-	-	SC	S	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00287-00002	0.35	1.99	0.18	0.26	6	0.08	-	-	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-74-00293-00001	0.36	2.04	0.18	0.26	5	0.08	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-74-00299-00001	0.36	2.04	0.18	0.26	5	0.08	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-74-00288-00001	0.34	1.93	0.21	0.48	9	0.08	-	-	SC	S	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00288-00002	0.34	1.93	0.19	0.42	8	0.08	-	-	SC	S	-	-	-	-
		Full Divided Lite (FDL)	AND-N-74-00294-00001	0.36	2.04	0.19	0.42	5	0.08	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-74-00300-00001	0.36	2.04	0.19	0.42	5	0.08	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-74-00284-00001	0.37	2.10	0.50	0.58	22	0.08	-	-	-	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00284-00002	0.37	2.10	0.45	0.52	19	0.08	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-74-00290-00001	0.37	2.10	0.45	0.52	19	0.08	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-74-00296-00001	0.38	2.16	0.45	0.52	18	0.08	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00285-00003	0.35	1.99	0.25	0.41	10	0.08	-	-	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00287-00003	0.35	1.99	0.16	0.23	5	0.08	-	-	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00288-00003	0.34	1.93	0.17	0.37	7	0.08	-	-	SC	S	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-74-00284-00003	0.37	2.10	0.40	0.46	16	0.08	-	-	-	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a								

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										N	NC	SC	S	A	B	C	D
400 Series Woodwright® Transom Window Insert Window	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-78-00163-00001	0.29	1.65	0.33	0.56	23	0.01	N	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00163-00002	0.29	1.65	0.29	0.50	21	0.01	N	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-78-00170-00001	0.31	1.76	0.29	0.50	18	0.01	-	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00177-00001	0.29	1.65	0.29	0.50	21	0.01	N	NC	SC	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-78-00165-00001	0.30	1.70	0.20	0.31	14	0.01	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00165-00002	0.30	1.70	0.18	0.28	13	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-78-00172-00001	0.31	1.76	0.18	0.28	12	0.01	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00179-00001	0.30	1.70	0.18	0.28	13	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-78-00166-00001	0.28	1.59	0.22	0.51	18	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00166-00002	0.28	1.59	0.20	0.45	17	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-78-00173-00001	0.30	1.70	0.20	0.45	14	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00180-00001	0.28	1.59	0.20	0.45	17	0.01	N	NC	SC	S	A	B	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-78-00162-00001	0.31	1.76	0.55	0.62	33	0.01	N	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00162-00002	0.31	1.76	0.50	0.55	30	0.01	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-78-00169-00001	0.32	1.82	0.50	0.55	29	0.01	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00176-00001	0.31	1.76	0.50	0.55	30	0.01	N	-	-	-	A	B	C	-
	<b>3.1 Annealed, or 3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00163-00003	0.29	1.65	0.26	0.45	19	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00165-00003	0.30	1.70	0.16	0.25	12	0.01	N	NC	SC	S	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00166-00003	0.28	1.59	0.18	0.40	15	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00162-00003	0.31	1.76	0.44	0.49	27	0.01	N	-	-	-	A	B	-	-
	<b>3.9 Annealed, or 3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																
	Low-E4®	No Grilles	AND-N-78-00184-00001	0.29	1.65	0.32	0.56	22	0.01	N	NC	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00184-00002	0.29	1.65	0.29	0.50	21	0.01	N	NC	SC	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-78-00191-00001	0.30	1.70	0.29	0.50	19	0.01	N	NC	SC	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00198-00001	0.29	1.65	0.29	0.50	21	0.01	N	NC	SC	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-78-00186-00001	0.29	1.65	0.20	0.31	15	0.01	N	NC	SC	S	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00186-00002	0.29	1.65	0.18	0.27	14	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	AND-N-78-00193-00001	0.31	1.76	0.18	0.27	12	0.01	-	NC	SC	S	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00200-00001	0.29	1.65	0.18	0.27	14	0.01	N	NC	SC	S	A	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-78-00187-00001	0.28	1.59	0.22	0.50	18	0.01	N	NC	SC	S	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00187-00002	0.28	1.59	0.20	0.45	17	0.01	N	NC	SC	S	A	B	-	-
		Full Divided Lite (FDL)	AND-N-78-00194-00001	0.30	1.70	0.20	0.45	14	0.01	N	NC	SC	S	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00201-00001	0.28	1.59	0.20	0.45	17	0.01	N	NC	SC	S	A	B	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-78-00183-00001	0.31	1.76	0.54	0.61	33	0.01	N	-	-	-	A	B	C	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00183-00002	0.31	1.76	0.48	0.55	29	0.01	N	-	-	-	A	B	C	-
		Full Divided Lite (FDL)	AND-N-78-00190-00001	0.32	1.82	0.48	0.55	28	0.01	N	-	-	-	A	B	C	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00197-00001	0.31	1.76	0.48	0.55	29	0.01	N	-	-	-	A	B	C	-
	<b>3.9 Annealed, or 3.9 Tempered Glass - w/ Grilles 1" or Greater</b>																
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00184-00003	0.29	1.65	0.26	0.44	19	0.01	N	NC	SC	S	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
										N	NC	SC	S	A	B	C	D	
400 Series Woodwright® Transom Window Insert Window	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00186-00003	0.29	1.65	0.16	0.24	13	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00187-00003	0.28	1.59	0.18	0.40	15	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00183-00003	0.31	1.76	0.43	0.49	26	0.01	N	-	-	-	A	B	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
	Low-E4®	No Grilles	AND-N-78-00163-00004	0.29	1.65	0.33	0.56	23	0.01	N	NC	SC	-	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00163-00005	0.29	1.65	0.29	0.50	21	0.01	N	NC	SC	-	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-78-00170-00002	0.31	1.76	0.29	0.50	18	0.01	-	NC	SC	-	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00177-00002	0.29	1.65	0.29	0.50	21	0.01	N	NC	SC	-	A	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-78-00165-00004	0.30	1.70	0.20	0.31	14	0.01	N	NC	SC	S	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00165-00005	0.30	1.70	0.18	0.28	13	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-78-00172-00002	0.31	1.76	0.18	0.28	12	0.01	-	NC	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00179-00002	0.30	1.70	0.18	0.28	13	0.01	N	NC	SC	S	A	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-78-00166-00004	0.28	1.59	0.22	0.51	18	0.01	N	NC	SC	S	A	B	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00166-00005	0.28	1.59	0.20	0.45	17	0.01	N	NC	SC	S	A	B	-	-	-
		Full Divided Lite (FDL)	AND-N-78-00173-00002	0.30	1.70	0.20	0.45	14	0.01	-	NC	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00180-00002	0.28	1.59	0.20	0.45	17	0.01	N	NC	SC	S	A	B	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-78-00162-00004	0.31	1.76	0.51	0.62	31	0.01	N	-	-	-	A	B	C	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00162-00005	0.31	1.76	0.46	0.55	28	0.01	N	-	-	-	A	B	-	-	-
		Full Divided Lite (FDL)	AND-N-78-00169-00002	0.32	1.82	0.46	0.55	27	0.01	N	-	-	-	A	B	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00176-00002	0.31	1.76	0.46	0.55	28	0.01	N	-	-	-	A	B	-	-	-
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00163-00006	0.29	1.65	0.26	0.45	19	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00165-00006	0.30	1.70	0.16	0.25	12	0.01	N	NC	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00166-00006	0.28	1.59	0.18	0.40	15	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00162-00006	0.31	1.76	0.41	0.49	25	0.01	N	-	-	-	A	B	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
	Low-E4®	No Grilles	AND-N-78-00184-00004	0.29	1.65	0.32	0.56	22	0.01	N	NC	-	-	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00184-00005	0.29	1.65	0.29	0.50	21	0.01	N	NC	SC	-	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-78-00191-00002	0.30	1.70	0.29	0.50	19	0.01	N	NC	SC	-	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00198-00002	0.29	1.65	0.29	0.50	21	0.01	N	NC	SC	-	A	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-78-00186-00004	0.29	1.65	0.20	0.31	15	0.01	N	NC	SC	S	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00186-00005	0.29	1.65	0.18	0.27	14	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-78-00193-00002	0.31	1.76	0.18	0.27	12	0.01	-	NC	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00200-00002	0.29	1.65	0.18	0.27	14	0.01	N	NC	SC	S	A	-	-	-	-
Low-E4® SmartSun™	No Grilles	AND-N-78-00187-00004	0.28	1.59	0.22	0.50	18	0.01	N	NC	SC	S	A	B	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00187-00005	0.28	1.59	0.20	0.45	17	0.01	N	NC	SC	S	A	B	-	-	-	
	Full Divided Lite (FDL)	AND-N-78-00194-00002	0.30	1.70	0.20	0.45	14	0.01	-	NC	SC	S	A	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-78-00201-00002	0.28	1.59	0.20	0.45	17	0.01	N	NC	SC	S	A	B	-	-	-	



Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010					
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
400 Series Woodwright® Transom Window Insert Window	Low-E4® PassiveSun™	No Grilles	AND-N-78-00183-00004	0.31	1.76	0.54	0.61	33	0.01	N	-	-	-	A	B	C	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00183-00005	0.31	1.76	0.48	0.55	29	0.01	N	-	-	-	A	B	C	-	
		Full Divided Lite (FDL)	AND-N-78-00190-00002	0.32	1.82	0.48	0.55	28	0.01	N	-	-	-	A	B	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-78-00197-00002	0.31	1.76	0.48	0.55	29	0.01	N	-	-	-	A	B	C	-	
	3.9 Pattern Glass - w/ Grilles 1" or Greater																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00184-00006	0.29	1.65	0.26	0.44	19	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00186-00006	0.29	1.65	0.16	0.24	13	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00187-00006	0.28	1.59	0.18	0.40	15	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00183-00006	0.31	1.76	0.43	0.49	26	0.01	N	-	-	-	A	B	-	-	
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										-	NC	SC	S	A	B	C	D
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-78-00079-00001	0.31	1.76	0.33	0.56	20	0.01	-	NC	-	-	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00079-00002	0.31	1.76	0.30	0.50	19	0.01	-	NC	SC	-	A	-	-		
	Full Divided Lite (FDL)	AND-N-78-00086-00001	0.33	1.87	0.30	0.50	16	0.01	-	-	SC	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-78-00093-00001	0.31	1.76	0.30	0.50	19	0.01	-	NC	SC	-	A	-	-		
Low-E4® Sun	No Grilles	AND-N-78-00081-00001	0.32	1.82	0.20	0.31	12	0.01	-	NC	SC	S	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00081-00002	0.32	1.82	0.19	0.28	11	0.01	-	NC	SC	S	-	-	-		
	Full Divided Lite (FDL)	AND-N-78-00088-00001	0.33	1.87	0.19	0.28	10	0.01	-	-	SC	S	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-78-00095-00001	0.32	1.82	0.19	0.28	11	0.01	-	NC	SC	S	-	-	-		
Low-E4® SmartSun™	No Grilles	AND-N-78-00082-00001	0.31	1.76	0.22	0.51	14	0.01	-	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00082-00002	0.31	1.76	0.20	0.45	13	0.01	-	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-78-00089-00001	0.32	1.82	0.20	0.45	12	0.01	-	NC	SC	S	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-78-00096-00001	0.31	1.76	0.20	0.45	13	0.01	-	NC	SC	S	A	-	-		
Low-E4® PassiveSun™	No Grilles	AND-N-78-00078-00001	0.33	1.87	0.55	0.62	31	0.01	-	-	-	-	A	B	C		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00078-00002	0.33	1.87	0.49	0.55	27	0.01	-	-	-	-	A	B	-		
	Full Divided Lite (FDL)	AND-N-78-00085-00001	0.35	1.99	0.49	0.55	25	0.01	-	-	-	-	A	B	-		
	Finelight™ (grilles-between-the-glass)	AND-N-78-00092-00001	0.33	1.87	0.49	0.55	27	0.01	-	-	-	-	A	B	-		
<b>3.1 Annealed, 3.1 or Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00079-00003	0.31	1.76	0.27	0.45	17	0.01	-	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00081-00003	0.32	1.82	0.17	0.25	10	0.01	-	NC	SC	S	-	-	-	
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00082-00003	0.31	1.76	0.18	0.40	12	0.01	-	NC	SC	S	-	-	-		
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00078-00003	0.33	1.87	0.44	0.49	24	0.01	-	-	-	-	A	-	-		
<b>3.9 Annealed, or 3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-78-00100-00001	0.32	1.82	0.33	0.56	19	0.01	-	NC	-	-	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00100-00002	0.32	1.82	0.29	0.50	17	0.01	-	NC	SC	-	A	-	-		
	Full Divided Lite (FDL)	AND-N-78-00107-00001	0.34	1.93	0.29	0.50	14	0.01	-	-	SC	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-78-00114-00001	0.32	1.82	0.29	0.50	17	0.01	-	NC	SC	-	A	-	-		
Low-E4® Sun	No Grilles	AND-N-78-00102-00001	0.33	1.87	0.20	0.31	11	0.01	-	-	SC	S	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00102-00002	0.33	1.87	0.18	0.27	9	0.01	-	-	SC	S	-	-	-		
	Full Divided Lite (FDL)	AND-N-78-00109-00001	0.34	1.93	0.18	0.27	8	0.01	-	-	SC	S	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-78-00116-00001	0.33	1.87	0.18	0.27	9	0.01	-	-	SC	S	-	-	-		
Low-E4® SmartSun™	No Grilles	AND-N-78-00103-00001	0.32	1.82	0.22	0.50	13	0.01	-	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00103-00002	0.32	1.82	0.20	0.45	12	0.01	-	NC	SC	S	-	-	-		
	Full Divided Lite (FDL)	AND-N-78-00110-00001	0.33	1.87	0.20	0.45	11	0.01	-	-	SC	S	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-78-00117-00001	0.32	1.82	0.20	0.45	12	0.01	-	NC	SC	S	-	-	-		
Low-E4® PassiveSun™	No Grilles	AND-N-78-00099-00001	0.34	1.93	0.53	0.61	28	0.01	-	-	-	-	A	B	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00099-00002	0.34	1.93	0.48	0.55	25	0.01	-	-	-	-	A	B	-		
	Full Divided Lite (FDL)	AND-N-78-00106-00001	0.35	1.99	0.48	0.55	24	0.01	-	-	-	-	A	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-78-00113-00001	0.34	1.93	0.48	0.55	25	0.01	-	-	-	-	A	B	-		
<b>3.9 Annealed, 3.9 or Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00100-00003	0.32	1.82	0.26	0.44	15	0.01	-	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		

400 Series  
Woodwright®  
Transom  
Window Insert  
Window (w/  
Capillary  
Breather Tubes)

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
										-	-	-	-	-	-	-	-	
400 Series Woodwright® Transom Window Insert Window (w/ Capillary Breather Tubes)	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00102-00003	0.33	1.87	0.17	0.24	9	0.01	-	-	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00103-00003	0.32	1.82	0.18	0.40	10	0.01	-	NC	SC	S	-	-	-	-	
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00099-00003	0.34	1.93	0.43	0.49	22	0.01	-	-	-	-	A	-	-	-	
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
	Low-E4®	No Grilles	AND-N-78-00079-00004	0.31	1.76	0.33	0.56	20	0.01	-	NC	-	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00079-00005	0.31	1.76	0.30	0.50	19	0.01	-	NC	SC	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-78-00086-00002	0.33	1.87	0.30	0.50	16	0.01	-	-	SC	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00093-00002	0.31	1.76	0.30	0.50	19	0.01	-	NC	SC	-	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-78-00081-00004	0.32	1.82	0.20	0.31	12	0.01	-	NC	SC	S	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00081-00005	0.32	1.82	0.19	0.28	11	0.01	-	NC	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-78-00088-00002	0.33	1.87	0.19	0.28	10	0.01	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00095-00002	0.32	1.82	0.19	0.28	11	0.01	-	NC	SC	S	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-78-00082-00004	0.31	1.76	0.22	0.51	14	0.01	-	NC	SC	S	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00082-00005	0.31	1.76	0.20	0.45	13	0.01	-	NC	SC	S	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-78-00089-00002	0.32	1.82	0.20	0.45	12	0.01	-	NC	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00096-00002	0.31	1.76	0.20	0.45	13	0.01	-	NC	SC	S	-	A	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-78-00078-00004	0.33	1.87	0.51	0.62	28	0.01	-	-	-	-	-	A	B	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00078-00005	0.33	1.87	0.46	0.55	26	0.01	-	-	-	-	-	A	B	-	-
		Full Divided Lite (FDL)	AND-N-78-00085-00002	0.35	1.99	0.46	0.55	23	0.01	-	-	-	-	-	A	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00092-00002	0.33	1.87	0.46	0.55	26	0.01	-	-	-	-	-	A	B	-	-
	<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00079-00006	0.31	1.76	0.27	0.45	17	0.01	-	NC	SC	S	-	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00081-00006	0.32	1.82	0.17	0.25	10	0.01	-	NC	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00082-00006	0.31	1.76	0.18	0.40	12	0.01	-	NC	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00078-00006	0.33	1.87	0.41	0.49	23	0.01	-	-	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
	Low-E4®	No Grilles	AND-N-78-00100-00004	0.32	1.82	0.33	0.56	19	0.01	-	NC	-	-	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00100-00005	0.32	1.82	0.29	0.50	17	0.01	-	NC	SC	-	-	A	-	-	-
		Full Divided Lite (FDL)	AND-N-78-00107-00002	0.34	1.93	0.29	0.50	14	0.01	-	-	SC	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00114-00002	0.32	1.82	0.29	0.50	17	0.01	-	NC	SC	-	-	A	-	-	-
	Low-E4® Sun	No Grilles	AND-N-78-00102-00004	0.33	1.87	0.20	0.31	11	0.01	-	-	SC	S	-	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00102-00005	0.33	1.87	0.18	0.27	9	0.01	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-78-00109-00002	0.34	1.93	0.18	0.27	8	0.01	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00116-00002	0.33	1.87	0.18	0.27	9	0.01	-	-	SC	S	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-78-00103-00004	0.32	1.82	0.22	0.50	13	0.01	-	NC	SC	S	-	A	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00103-00005	0.32	1.82	0.20	0.45	12	0.01	-	NC	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	AND-N-78-00110-00002	0.33	1.87	0.20	0.45	11	0.01	-	-	SC	S	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-78-00117-00002	0.32	1.82	0.20	0.45	12	0.01	-	NC	SC	S	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010					
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
400 Series Woodwright® Transom Window Insert Window (w/ Capillary Breather Tubes)	Low-E4® PassiveSun™	No Grilles	AND-N-78-00099-00004	0.34	1.93	0.53	0.61	28	0.01	-	-	-	-	-	-	-	-	
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00099-00005	0.34	1.93	0.48	0.55	25	0.01	-	-	-	-	-	-	-	-	
		Full Divided Lite (FDL)	AND-N-78-00106-00002	0.35	1.99	0.48	0.55	24	0.01	-	-	-	-	-	-	-	-	
		Finelight™ (grilles-between-the-glass)	AND-N-78-00113-00002	0.34	1.93	0.48	0.55	25	0.01	-	-	-	-	-	-	-	-	
	3.9 Pattern Glass - w/ Grilles 1" or Greater																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00102-00006	0.32	1.82	0.26	0.44	15	0.01	-	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00102-00006	0.33	1.87	0.17	0.24	9	0.01	-	-	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00103-00006	0.32	1.82	0.18	0.40	10	0.01	-	NC	SC	S	-	-	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-78-00099-00006	0.34	1.93	0.43	0.49	22	0.01	-	-	-	-	-	A	-	-	-
		Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010					
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
										N	NC	SC	S	A	B	C	D	
<b>3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																		
Low-E4®	No Grilles		AND-N-6-00488-00001	0.30	1.70	0.27	0.45	17	0.15	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00488-00002	0.30	1.70	0.23	0.39	15	0.15	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)		AND-N-6-00495-00001	0.32	1.82	0.23	0.39	12	0.15	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® Sun	No Grilles		AND-N-6-00490-00001	0.31	1.76	0.16	0.25	9	0.15	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00490-00002	0.31	1.76	0.14	0.22	8	0.15	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)		AND-N-6-00497-00001	0.32	1.82	0.14	0.22	7	0.15	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	No Grilles		AND-N-6-00491-00001	0.30	1.70	0.18	0.41	12	0.15	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00491-00002	0.30	1.70	0.16	0.35	11	0.15	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)		AND-N-6-00498-00001	0.31	1.76	0.16	0.35	9	0.15	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-6-00487-00001	0.32	1.82	0.44	0.49	24	0.15	-	-	-	-	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00487-00002	0.32	1.82	0.39	0.43	21	0.15	-	-	-	-	A	-	-	-	-
	Full Divided Lite (FDL)		AND-N-6-00494-00001	0.33	1.87	0.39	0.43	20	0.15	-	-	-	-	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
<b>3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																		
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00488-00003	0.30	1.70	0.20	0.33	13	0.15	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-6-00502-00001	0.32	1.82	0.23	0.39	12	0.15	N	NC	SC	S	A	-	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00490-00003	0.31	1.76	0.13	0.18	7	0.15	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-6-00504-00001	0.32	1.82	0.14	0.22	7	0.15	N	NC	SC	S	A	-	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00491-00003	0.30	1.70	0.14	0.30	9	0.15	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-6-00505-00001	0.31	1.76	0.16	0.35	9	0.15	N	NC	SC	S	A	-	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00487-00003	0.32	1.82	0.33	0.36	18	0.15	-	-	-	-	A	-	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-6-00501-00001	0.33	1.87	0.39	0.43	20	0.15	-	-	-	-	-	-	-	-	-
<b>3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																		
Low-E4®	No Grilles		AND-N-6-00467-00001	0.30	1.70	0.26	0.45	16	0.15	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00467-00002	0.30	1.70	0.23	0.38	15	0.15	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)		AND-N-6-00474-00001	0.32	1.82	0.23	0.38	12	0.15	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® Sun	No Grilles		AND-N-6-00469-00001	0.31	1.76	0.16	0.24	9	0.15	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00469-00002	0.31	1.76	0.14	0.21	8	0.15	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)		AND-N-6-00476-00001	0.32	1.82	0.14	0.21	7	0.15	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	No Grilles		AND-N-6-00470-00001	0.30	1.70	0.18	0.40	12	0.15	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00470-00002	0.30	1.70	0.16	0.35	11	0.15	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)		AND-N-6-00477-00001	0.31	1.76	0.16	0.35	9	0.15	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-6-00466-00001	0.32	1.82	0.43	0.49	23	0.15	-	-	-	-	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00466-00002	0.32	1.82	0.38	0.42	21	0.15	-	-	-	-	A	-	-	-	-
	Full Divided Lite (FDL)		AND-N-6-00473-00001	0.33	1.87	0.38	0.42	19	0.15	-	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-

400 Series  
Frenchwood®  
Gliding Patio  
Door

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Zone A	Zone B	Zone C	Zone D	
										N	NC	SC	S	A	B	C	D
<b>3.9 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00467-00003	0.30	1.70	0.20	0.33	13	0.15	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-6-00481-00001	0.32	1.82	0.23	0.38	12	0.15	N	NC	SC	S	A	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00469-00003	0.31	1.76	0.13	0.18	7	0.15	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-6-00483-00001	0.32	1.82	0.14	0.21	7	0.15	N	NC	SC	S	A	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00470-00003	0.30	1.70	0.14	0.29	9	0.15	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-6-00484-00001	0.32	1.82	0.16	0.35	8	0.15	N	NC	SC	S	A	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00466-00003	0.32	1.82	0.32	0.36	17	0.15	-	-	-	-	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-6-00480-00001	0.34	1.93	0.38	0.42	18	0.15	-	-	-	-	-	-	-	-
<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
Low-E4®	No Grilles		AND-N-6-00572-00001	0.30	1.70	0.27	0.45	17	0.15	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00572-00002	0.30	1.70	0.23	0.39	15	0.15	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-6-00578-00001	0.32	1.82	0.23	0.39	12	0.15	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® Sun	No Grilles		AND-N-6-00574-00001	0.31	1.76	0.16	0.25	9	0.15	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00574-00002	0.31	1.76	0.14	0.22	8	0.15	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-6-00580-00001	0.32	1.82	0.14	0.22	7	0.15	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	No Grilles		AND-N-6-00575-00001	0.30	1.70	0.18	0.41	12	0.15	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00575-00002	0.30	1.70	0.16	0.35	11	0.15	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-6-00581-00001	0.31	1.76	0.16	0.35	9	0.15	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-6-00571-00001	0.32	1.82	0.41	0.49	22	0.15	-	-	-	-	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00571-00002	0.32	1.82	0.36	0.43	19	0.15	-	-	-	-	A	-	-	-
	Full Divided Lite (FDL)		AND-N-6-00577-00001	0.33	1.87	0.36	0.43	18	0.15	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00572-00003	0.30	1.70	0.20	0.33	13	0.15	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-6-00584-00001	0.32	1.82	0.23	0.39	12	0.15	N	NC	SC	S	A	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00574-00003	0.31	1.76	0.13	0.18	7	0.15	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-6-00586-00001	0.32	1.82	0.14	0.22	7	0.15	N	NC	SC	S	A	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00575-00003	0.30	1.70	0.14	0.30	9	0.15	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-6-00587-00001	0.31	1.76	0.16	0.35	9	0.15	N	NC	SC	S	A	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00571-00003	0.32	1.82	0.31	0.36	17	0.15	-	-	-	-	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-6-00583-00001	0.33	1.87	0.36	0.43	18	0.15	-	-	-	-	-	-	-	-

400 Series  
Frenchwood®  
Gliding Patio  
Door

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
<b>3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-6-00365-00001	0.33	1.87	0.27	0.45	13	0.15	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-6-00365-00002	0.33	1.87	0.23	0.39	11	0.15	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-6-00372-00001	0.35	1.99	0.23	0.39	8	0.15	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® Sun	No Grilles	AND-N-6-00367-00001	0.33	1.87	0.17	0.25	7	0.15	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-6-00367-00002	0.33	1.87	0.15	0.22	6	0.15	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-6-00374-00001	0.35	1.99	0.15	0.22	4	0.15	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® SmartSun™	No Grilles	AND-N-6-00368-00001	0.33	1.87	0.18	0.41	8	0.15	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-6-00368-00002	0.33	1.87	0.16	0.35	7	0.15	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-6-00375-00001	0.34	1.93	0.16	0.35	5	0.15	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® PassiveSun™	No Grilles	AND-N-6-00364-00001	0.34	1.93	0.44	0.49	22	0.15	-	-	-	A	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-6-00364-00002	0.34	1.93	0.38	0.43	18	0.15	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-6-00371-00001	0.36	2.04	0.38	0.43	16	0.15	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
<b>3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-6-00365-00003	0.33	1.87	0.20	0.33	9	0.15	-	-	-	-	-	-			
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	AND-N-6-00379-00001	0.35	1.99	0.23	0.39	8	0.15	-	-	-	-	-	-			
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-6-00367-00003	0.33	1.87	0.13	0.18	5	0.15	-	-	-	-	-	-			
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	AND-N-6-00381-00001	0.35	1.99	0.15	0.22	4	0.15	-	-	-	-	-	-			
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-6-00368-00003	0.33	1.87	0.14	0.30	6	0.15	-	-	-	-	-	-			
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	AND-N-6-00382-00001	0.34	1.93	0.16	0.35	5	0.15	-	-	-	-	-	-			
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-6-00364-00003	0.34	1.93	0.33	0.36	15	0.15	-	-	-	-	-	-			
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	AND-N-6-00378-00001	0.36	2.04	0.38	0.43	16	0.15	-	-	-	-	-	-			
<b>3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-6-00344-00001	0.33	1.87	0.27	0.45	13	0.15	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-6-00344-00002	0.33	1.87	0.23	0.38	11	0.15	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-6-00351-00001	0.35	1.99	0.23	0.38	8	0.15	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® Sun	No Grilles	AND-N-6-00346-00001	0.33	1.87	0.17	0.24	7	0.15	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-6-00346-00002	0.33	1.87	0.15	0.21	6	0.15	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-6-00353-00001	0.35	1.99	0.15	0.21	4	0.15	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® SmartSun™	No Grilles	AND-N-6-00347-00001	0.33	1.87	0.18	0.40	8	0.15	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-6-00347-00002	0.33	1.87	0.16	0.35	7	0.15	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-6-00354-00001	0.34	1.93	0.16	0.35	5	0.15	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® PassiveSun™	No Grilles	AND-N-6-00343-00001	0.35	1.99	0.43	0.49	20	0.15	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-6-00343-00002	0.35	1.99	0.37	0.42	16	0.15	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-6-00350-00001	0.36	2.04	0.37	0.42	15	0.15	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			

400 Series  
Frenchwood®  
Gliding Patio  
Door (w/  
Capillary  
Breather Tubes)

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010			
										Northern	Central	Southern	Zone A	Zone B	Zone C	Zone D
<b>3.9 Tempered Glass - w/ Grilles 1" or Greater</b>																
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00344-00003	0.33	1.87	0.20	0.33	9	0.15	-	-	-	-	-	-	
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)		AND-N-6-00358-00001	0.35	1.99	0.23	0.38	8	0.15	-	-	-	-	-	-	
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00346-00003	0.33	1.87	0.13	0.18	5	0.15	-	-	-	-	-	-	
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)		AND-N-6-00360-00001	0.36	2.04	0.15	0.21	2	0.15	-	-	-	-	-	-	
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00347-00003	0.33	1.87	0.14	0.29	6	0.15	-	-	-	-	-	-	
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)		AND-N-6-00361-00001	0.35	1.99	0.16	0.35	4	0.15	-	-	-	-	-	-	
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00343-00003	0.35	1.99	0.32	0.36	13	0.15	-	-	-	-	-	-	
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)		AND-N-6-00357-00001	0.37	2.10	0.37	0.42	14	0.15	-	-	-	-	-	-	
<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
Low-E4®	No Grilles		AND-N-6-00449-00001	0.33	1.87	0.27	0.45	13	0.15	-	-	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00449-00002	0.33	1.87	0.23	0.39	11	0.15	-	-	-	-	-	-	
	Full Divided Lite (FDL)		AND-N-6-00455-00001	0.35	1.99	0.23	0.39	8	0.15	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	
Low-E4® Sun	No Grilles		AND-N-6-00451-00001	0.33	1.87	0.17	0.25	7	0.15	-	-	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00451-00002	0.33	1.87	0.15	0.22	6	0.15	-	-	-	-	-	-	
	Full Divided Lite (FDL)		AND-N-6-00457-00001	0.35	1.99	0.15	0.22	4	0.15	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	
Low-E4® SmartSun™	No Grilles		AND-N-6-00452-00001	0.33	1.87	0.18	0.41	8	0.15	-	-	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00452-00002	0.33	1.87	0.16	0.35	7	0.15	-	-	-	-	-	-	
	Full Divided Lite (FDL)		AND-N-6-00458-00001	0.34	1.93	0.16	0.35	5	0.15	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	
Low-E4® PassiveSun™	No Grilles		AND-N-6-00448-00001	0.34	1.93	0.41	0.49	20	0.15	-	-	-	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00448-00002	0.34	1.93	0.36	0.43	17	0.15	-	-	-	-	-	-	
	Full Divided Lite (FDL)		AND-N-6-00454-00001	0.36	2.04	0.36	0.43	15	0.15	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	
<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00449-00003	0.33	1.87	0.20	0.33	9	0.15	-	-	-	-	-	-	
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)		AND-N-6-00461-00001	0.35	1.99	0.23	0.39	8	0.15	-	-	-	-	-	-	
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00451-00003	0.33	1.87	0.13	0.18	5	0.15	-	-	-	-	-	-	
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)		AND-N-6-00463-00001	0.35	1.99	0.15	0.22	4	0.15	-	-	-	-	-	-	
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00452-00003	0.33	1.87	0.14	0.30	6	0.15	-	-	-	-	-	-	
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)		AND-N-6-00464-00001	0.34	1.93	0.16	0.35	5	0.15	-	-	-	-	-	-	
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-6-00448-00003	0.34	1.93	0.31	0.36	14	0.15	-	-	-	-	-	-	
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)		AND-N-6-00460-00001	0.36	2.04	0.36	0.43	15	0.15	-	-	-	-	-	-	

400 Series  
Frenchwood®  
Gliding Patio  
Door (w/  
Capillary  
Breather Tubes)



Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
<b>3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-10-00486-00001	0.30	1.70	0.24	0.41	17	0.01	N	NC	SC	S	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00486-00002	0.30	1.70	0.21	0.35	15	0.01	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-10-00493-00001	0.32	1.82	0.21	0.35	12	0.01	N	NC	SC	S	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
Low-E4® Sun	No Grilles	AND-N-10-00488-00001	0.31	1.76	0.15	0.23	10	0.01	N	NC	SC	S	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00488-00002	0.31	1.76	0.13	0.19	9	0.01	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-10-00495-00001	0.32	1.82	0.13	0.19	8	0.01	N	NC	SC	S	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-10-00489-00001	0.30	1.70	0.16	0.37	12	0.01	N	NC	SC	S	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00489-00002	0.30	1.70	0.14	0.31	11	0.01	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-10-00496-00001	0.31	1.76	0.14	0.31	9	0.01	N	NC	SC	S	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
Low-E4® PassiveSun™	No Grilles	AND-N-10-00485-00001	0.32	1.82	0.40	0.45	23	0.01	-	-	-	-	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00485-00002	0.32	1.82	0.35	0.38	20	0.01	-	-	-	-	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-10-00492-00001	0.33	1.87	0.35	0.38	19	0.01	-	-	-	-	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
<b>3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00486-00003	0.30	1.70	0.18	0.29	13	0.01	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-10-00500-00001	0.32	1.82	0.21	0.35	12	0.01	N	NC	SC	S	A	-	-	-	
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00488-00003	0.31	1.76	0.12	0.16	8	0.01	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-10-00502-00001	0.32	1.82	0.13	0.19	8	0.01	N	NC	SC	S	A	-	-	-	
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00489-00003	0.30	1.70	0.12	0.27	10	0.01	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-10-00503-00001	0.31	1.76	0.14	0.31	9	0.01	N	NC	SC	S	A	-	-	-	
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00485-00003	0.32	1.82	0.30	0.32	17	0.01	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-10-00499-00001	0.33	1.87	0.35	0.38	19	0.01	-	-	-	-	-	-	-	-	
<b>3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-10-00465-00001	0.30	1.70	0.24	0.41	17	0.01	N	NC	SC	S	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00465-00002	0.30	1.70	0.21	0.35	15	0.01	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-10-00472-00001	0.31	1.76	0.21	0.35	13	0.01	N	NC	SC	S	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
Low-E4® Sun	No Grilles	AND-N-10-00467-00001	0.31	1.76	0.15	0.22	10	0.01	N	NC	SC	S	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00467-00002	0.31	1.76	0.13	0.19	9	0.01	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-10-00474-00001	0.32	1.82	0.13	0.19	8	0.01	N	NC	SC	S	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-10-00468-00001	0.30	1.70	0.16	0.37	12	0.01	N	NC	SC	S	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00468-00002	0.30	1.70	0.14	0.31	11	0.01	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-10-00475-00001	0.31	1.76	0.14	0.31	9	0.01	N	NC	SC	S	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
Low-E4® PassiveSun™	No Grilles	AND-N-10-00464-00001	0.32	1.82	0.39	0.45	23	0.01	-	-	-	-	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00464-00002	0.32	1.82	0.34	0.38	20	0.01	-	-	-	-	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-10-00471-00001	0.33	1.87	0.34	0.38	19	0.01	-	-	-	-	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	

400 Series  
Frenchwood®  
Hinged Patio  
Door

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
<b>3.9 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00465-00003	0.30	1.70	0.18	0.29	13	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-10-00479-00001	0.32	1.82	0.21	0.35	12	0.01	N	NC	SC	S	A	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00467-00003	0.31	1.76	0.11	0.16	8	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-10-00481-00001	0.32	1.82	0.13	0.19	8	0.01	N	NC	SC	S	A	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00468-00003	0.30	1.70	0.12	0.26	10	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-10-00482-00001	0.32	1.82	0.14	0.31	8	0.01	N	NC	SC	S	A	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00464-00003	0.32	1.82	0.29	0.32	17	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-10-00478-00001	0.33	1.87	0.34	0.38	19	0.01	-	-	-	-	-	-	-	-
<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
Low-E4®	No Grilles		AND-N-10-00570-00001	0.30	1.70	0.24	0.41	17	0.01	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00570-00002	0.30	1.70	0.21	0.35	15	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-10-00576-00001	0.32	1.82	0.21	0.35	12	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® Sun	No Grilles		AND-N-10-00572-00001	0.31	1.76	0.15	0.23	10	0.01	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00572-00002	0.31	1.76	0.13	0.19	9	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-10-00578-00001	0.32	1.82	0.13	0.19	8	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	No Grilles		AND-N-10-00573-00001	0.30	1.70	0.16	0.37	12	0.01	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00573-00002	0.30	1.70	0.14	0.31	11	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-10-00579-00001	0.31	1.76	0.14	0.31	9	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-10-00569-00001	0.32	1.82	0.38	0.45	22	0.01	-	-	-	-	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00569-00002	0.32	1.82	0.33	0.38	19	0.01	-	-	-	-	A	-	-	-
	Full Divided Lite (FDL)		AND-N-10-00575-00001	0.33	1.87	0.33	0.38	18	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00570-00003	0.30	1.70	0.18	0.29	13	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-10-00582-00001	0.32	1.82	0.21	0.35	12	0.01	N	NC	SC	S	A	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00572-00003	0.31	1.76	0.12	0.16	8	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-10-00584-00001	0.32	1.82	0.13	0.19	8	0.01	N	NC	SC	S	A	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00573-00003	0.30	1.70	0.12	0.27	10	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-10-00585-00001	0.31	1.76	0.14	0.31	9	0.01	N	NC	SC	S	A	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00569-00003	0.32	1.82	0.28	0.32	16	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-10-00581-00001	0.33	1.87	0.33	0.38	18	0.01	-	-	-	-	-	-	-	-

400 Series  
Frenchwood®  
Hinged Patio  
Door

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
<b>3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-10-00363-00001	0.33	1.87	0.24	0.41	13	0.01	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00363-00002	0.33	1.87	0.21	0.35	11	0.01	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-10-00370-00001	0.34	1.93	0.21	0.35	10	0.01	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® Sun	No Grilles	AND-N-10-00365-00001	0.33	1.87	0.15	0.23	8	0.01	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00365-00002	0.33	1.87	0.13	0.19	6	0.01	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-10-00372-00001	0.35	1.99	0.13	0.19	4	0.01	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® SmartSun™	No Grilles	AND-N-10-00366-00001	0.32	1.82	0.16	0.37	9	0.01	N	NC	SC	S	A	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00366-00002	0.32	1.82	0.14	0.31	8	0.01	N	NC	SC	S	A	-			
	Full Divided Lite (FDL)	AND-N-10-00373-00001	0.34	1.93	0.14	0.31	6	0.01	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® PassiveSun™	No Grilles	AND-N-10-00362-00001	0.34	1.93	0.40	0.45	21	0.01	-	-	-	-	A	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00362-00002	0.34	1.93	0.35	0.38	18	0.01	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-10-00369-00001	0.36	2.04	0.35	0.38	15	0.01	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
<b>3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00363-00003	0.33	1.87	0.18	0.29	9	0.01	-	-	-	-	-	-			
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	AND-N-10-00377-00001	0.34	1.93	0.21	0.35	10	0.01	-	-	-	-	-	-			
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00365-00003	0.33	1.87	0.12	0.16	6	0.01	-	-	-	-	-	-			
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	AND-N-10-00379-00001	0.35	1.99	0.13	0.19	4	0.01	-	-	-	-	-	-			
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00366-00003	0.32	1.82	0.13	0.27	8	0.01	N	NC	SC	S	A	-			
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	AND-N-10-00380-00001	0.34	1.93	0.14	0.31	6	0.01	-	-	-	-	-	-			
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00362-00003	0.34	1.93	0.30	0.32	15	0.01	-	-	-	-	-	-			
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	AND-N-10-00376-00001	0.35	1.99	0.35	0.38	17	0.01	-	-	-	-	-	-			
<b>3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-10-00342-00001	0.33	1.87	0.24	0.41	13	0.01	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00342-00002	0.33	1.87	0.21	0.35	11	0.01	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-10-00349-00001	0.34	1.93	0.21	0.35	10	0.01	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® Sun	No Grilles	AND-N-10-00344-00001	0.33	1.87	0.15	0.22	8	0.01	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00344-00002	0.33	1.87	0.13	0.19	6	0.01	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-10-00351-00001	0.35	1.99	0.13	0.19	4	0.01	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® SmartSun™	No Grilles	AND-N-10-00345-00001	0.33	1.87	0.17	0.37	9	0.01	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00345-00002	0.33	1.87	0.15	0.31	8	0.01	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-10-00352-00001	0.34	1.93	0.15	0.31	6	0.01	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® PassiveSun™	No Grilles	AND-N-10-00341-00001	0.34	1.93	0.39	0.45	20	0.01	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-10-00341-00002	0.34	1.93	0.34	0.38	17	0.01	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-10-00348-00001	0.36	2.04	0.34	0.38	15	0.01	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			

400 Series  
Frenchwood®  
Hinged Patio  
Door (w/  
Capillary  
Breather Tubes)

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
<b>3.9 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00342-00003	0.33	1.87	0.18	0.29	9	0.01	-	-	-	-	-			
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)		AND-N-10-00356-00001	0.35	1.99	0.21	0.35	8	0.01	-	-	-	-	-			
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00344-00003	0.33	1.87	0.12	0.16	6	0.01	-	-	-	-	-			
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)		AND-N-10-00358-00001	0.35	1.99	0.13	0.19	4	0.01	-	-	-	-	-			
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00345-00003	0.33	1.87	0.13	0.26	6	0.01	-	-	-	-	-			
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)		AND-N-10-00359-00001	0.35	1.99	0.15	0.31	5	0.01	-	-	-	-	-			
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00341-00003	0.34	1.93	0.29	0.32	14	0.01	-	-	-	-	-			
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)		AND-N-10-00355-00001	0.36	2.04	0.34	0.38	15	0.01	-	-	-	-	-			
<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
Low-E4®	No Grilles		AND-N-10-00447-00001	0.33	1.87	0.24	0.41	13	0.01	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00447-00002	0.33	1.87	0.21	0.35	11	0.01	-	-	-	-	-			
	Full Divided Lite (FDL)		AND-N-10-00453-00001	0.34	1.93	0.21	0.35	10	0.01	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-			
Low-E4® Sun	No Grilles		AND-N-10-00449-00001	0.33	1.87	0.15	0.23	8	0.01	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00449-00002	0.33	1.87	0.13	0.19	6	0.01	-	-	-	-	-			
	Full Divided Lite (FDL)		AND-N-10-00455-00001	0.35	1.99	0.13	0.19	4	0.01	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-			
Low-E4® SmartSun™	No Grilles		AND-N-10-00450-00001	0.32	1.82	0.16	0.37	9	0.01	N	NC	SC	S	A			
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00450-00002	0.32	1.82	0.14	0.31	8	0.01	N	NC	SC	S	A			
	Full Divided Lite (FDL)		AND-N-10-00456-00001	0.34	1.93	0.14	0.31	6	0.01	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-			
Low-E4® PassiveSun™	No Grilles		AND-N-10-00446-00001	0.34	1.93	0.38	0.45	20	0.01	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00446-00002	0.34	1.93	0.33	0.38	17	0.01	-	-	-	-	-			
	Full Divided Lite (FDL)		AND-N-10-00452-00001	0.36	2.04	0.33	0.38	14	0.01	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-			
<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00447-00003	0.33	1.87	0.18	0.29	9	0.01	-	-	-	-	-			
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)		AND-N-10-00459-00001	0.34	1.93	0.21	0.35	10	0.01	-	-	-	-	-			
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00449-00003	0.33	1.87	0.12	0.16	6	0.01	-	-	-	-	-			
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)		AND-N-10-00461-00001	0.35	1.99	0.13	0.19	4	0.01	-	-	-	-	-			
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00450-00003	0.32	1.82	0.13	0.27	8	0.01	N	NC	SC	S	A			
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)		AND-N-10-00462-00001	0.34	1.93	0.14	0.31	6	0.01	-	-	-	-	-			
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-10-00446-00003	0.34	1.93	0.28	0.32	14	0.01	-	-	-	-	-			
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)		AND-N-10-00458-00001	0.36	2.04	0.33	0.38	14	0.01	-	-	-	-	-			

400 Series  
Frenchwood®  
Hinged Patio  
Door (w/  
Capillary  
Breather Tubes)

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
<b>3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-55-00386-00001	0.30	1.70	0.25	0.41	17	0.03	N	NC	SC	S	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00386-00002	0.30	1.70	0.21	0.35	15	0.03	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-55-00393-00001	0.32	1.82	0.21	0.35	12	0.03	N	NC	SC	S	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
Low-E4® Sun	No Grilles	AND-N-55-00388-00001	0.31	1.76	0.15	0.23	10	0.03	N	NC	SC	S	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00388-00002	0.31	1.76	0.13	0.19	9	0.03	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-55-00395-00001	0.32	1.82	0.13	0.19	7	0.03	N	NC	SC	S	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-55-00389-00001	0.30	1.70	0.16	0.37	12	0.03	N	NC	SC	S	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00389-00002	0.30	1.70	0.15	0.31	11	0.03	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-55-00396-00001	0.31	1.76	0.15	0.31	10	0.03	N	NC	SC	S	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
Low-E4® PassiveSun™	No Grilles	AND-N-55-00385-00001	0.32	1.82	0.41	0.45	24	0.03	-	-	-	-	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00385-00002	0.32	1.82	0.35	0.38	20	0.03	-	-	-	-	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-55-00392-00001	0.33	1.87	0.35	0.38	19	0.03	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
<b>3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00386-00003	0.30	1.70	0.18	0.29	13	0.03	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-55-00400-00001	0.32	1.82	0.21	0.35	12	0.03	N	NC	SC	S	A	-	-	-	
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00388-00003	0.31	1.76	0.12	0.16	8	0.03	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-55-00402-00001	0.32	1.82	0.13	0.19	7	0.03	N	NC	SC	S	A	-	-	-	
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00389-00003	0.30	1.70	0.13	0.27	10	0.03	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-55-00403-00001	0.31	1.76	0.15	0.31	10	0.03	N	NC	SC	S	A	-	-	-	
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00385-00003	0.32	1.82	0.30	0.32	17	0.03	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	AND-N-55-00399-00001	0.33	1.87	0.35	0.38	19	0.03	-	-	-	-	-	-	-	-	
<b>3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-55-00365-00001	0.30	1.70	0.24	0.41	16	0.03	N	NC	SC	S	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00365-00002	0.30	1.70	0.21	0.35	15	0.03	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-55-00372-00001	0.32	1.82	0.21	0.35	12	0.03	N	NC	SC	S	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
Low-E4® Sun	No Grilles	AND-N-55-00367-00001	0.31	1.76	0.15	0.22	10	0.03	N	NC	SC	S	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00367-00002	0.31	1.76	0.13	0.19	9	0.03	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-55-00374-00001	0.32	1.82	0.13	0.19	7	0.03	N	NC	SC	S	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
Low-E4® SmartSun™	No Grilles	AND-N-55-00368-00001	0.30	1.70	0.17	0.37	12	0.03	N	NC	SC	S	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00368-00002	0.30	1.70	0.15	0.31	11	0.03	N	NC	SC	S	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-55-00375-00001	0.31	1.76	0.15	0.31	10	0.03	N	NC	SC	S	A	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	
Low-E4® PassiveSun™	No Grilles	AND-N-55-00364-00001	0.32	1.82	0.40	0.45	23	0.03	-	-	-	-	A	-	-	-	
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00364-00002	0.32	1.82	0.34	0.38	19	0.03	-	-	-	-	A	-	-	-	
	Full Divided Lite (FDL)	AND-N-55-00371-00001	0.33	1.87	0.34	0.38	18	0.03	-	-	-	-	-	-	-	-	
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	

400 Series  
Frenchwood®  
Hinged  
Outswing Patio  
Door

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Zone A	Zone B	Zone C	Zone D	
										N	NC	SC	S	A	B	C	D
<b>3.9 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00365-00003	0.30	1.70	0.18	0.29	13	0.03	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-55-00379-00001	0.32	1.82	0.21	0.35	12	0.03	N	NC	SC	S	A	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00367-00003	0.31	1.76	0.12	0.16	8	0.03	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-55-00381-00001	0.32	1.82	0.13	0.19	7	0.03	N	NC	SC	S	A	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00368-00003	0.30	1.70	0.13	0.26	10	0.03	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-55-00382-00001	0.32	1.82	0.15	0.31	9	0.03	N	NC	SC	S	A	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00364-00003	0.32	1.82	0.29	0.32	17	0.03	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-55-00378-00001	0.33	1.87	0.34	0.38	18	0.03	-	-	-	-	-	-	-	-
<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
Low-E4®	No Grilles		AND-N-55-00470-00001	0.30	1.70	0.25	0.41	17	0.03	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00470-00002	0.30	1.70	0.21	0.35	15	0.03	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-55-00476-00001	0.32	1.82	0.21	0.35	12	0.03	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® Sun	No Grilles		AND-N-55-00472-00001	0.31	1.76	0.15	0.23	10	0.03	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00472-00002	0.31	1.76	0.13	0.19	9	0.03	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-55-00478-00001	0.32	1.82	0.13	0.19	7	0.03	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	No Grilles		AND-N-55-00473-00001	0.30	1.70	0.16	0.37	12	0.03	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00473-00002	0.30	1.70	0.15	0.31	11	0.03	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-55-00479-00001	0.31	1.76	0.15	0.31	10	0.03	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-55-00469-00001	0.32	1.82	0.38	0.45	22	0.03	-	-	-	-	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00469-00002	0.32	1.82	0.33	0.38	19	0.03	-	-	-	-	A	-	-	-
	Full Divided Lite (FDL)		AND-N-55-00475-00001	0.33	1.87	0.33	0.38	18	0.03	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00470-00003	0.30	1.70	0.18	0.29	13	0.03	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-55-00482-00001	0.32	1.82	0.21	0.35	12	0.03	N	NC	SC	S	A	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00472-00003	0.31	1.76	0.12	0.16	8	0.03	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-55-00484-00001	0.32	1.82	0.13	0.19	7	0.03	N	NC	SC	S	A	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00473-00003	0.30	1.70	0.13	0.27	10	0.03	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-55-00485-00001	0.31	1.76	0.15	0.31	10	0.03	N	NC	SC	S	A	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00469-00003	0.32	1.82	0.28	0.32	16	0.03	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-55-00481-00001	0.33	1.87	0.33	0.38	18	0.03	-	-	-	-	-	-	-	-

400 Series  
Frenchwood®  
Hinged  
Outswing Patio  
Door

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
<b>3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-55-00263-00001	0.33	1.87	0.25	0.41	13	0.03	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00263-00002	0.33	1.87	0.22	0.35	11	0.03	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-55-00270-00001	0.35	1.99	0.22	0.35	9	0.03	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® Sun	No Grilles	AND-N-55-00265-00001	0.33	1.87	0.16	0.23	8	0.03	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00265-00002	0.33	1.87	0.14	0.19	7	0.03	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-55-00272-00001	0.35	1.99	0.14	0.19	4	0.03	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® SmartSun™	No Grilles	AND-N-55-00266-00001	0.33	1.87	0.17	0.37	9	0.03	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00266-00002	0.33	1.87	0.15	0.31	7	0.03	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-55-00273-00001	0.34	1.93	0.15	0.31	6	0.03	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® PassiveSun™	No Grilles	AND-N-55-00262-00001	0.34	1.93	0.41	0.45	21	0.03	-	-	-	-	A	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00262-00002	0.34	1.93	0.35	0.38	18	0.03	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-55-00269-00001	0.36	2.04	0.35	0.38	15	0.03	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
<b>3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00263-00003	0.33	1.87	0.19	0.29	10	0.03	-	-	-	-	-	-			
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	AND-N-55-00277-00001	0.35	1.99	0.22	0.35	9	0.03	-	-	-	-	-	-			
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00265-00003	0.33	1.87	0.12	0.16	6	0.03	-	-	-	-	-	-			
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	AND-N-55-00279-00001	0.35	1.99	0.14	0.19	4	0.03	-	-	-	-	-	-			
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00266-00003	0.33	1.87	0.13	0.27	6	0.03	-	-	-	-	-	-			
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	AND-N-55-00280-00001	0.34	1.93	0.15	0.31	6	0.03	-	-	-	-	-	-			
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00262-00003	0.34	1.93	0.30	0.32	15	0.03	-	-	-	-	-	-			
	Full Divided Lite (FDL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	AND-N-55-00276-00001	0.36	2.04	0.35	0.38	15	0.03	-	-	-	-	-	-			
<b>3.9 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-55-00242-00001	0.33	1.87	0.24	0.41	13	0.03	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00242-00002	0.33	1.87	0.21	0.35	11	0.03	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-55-00249-00001	0.34	1.93	0.21	0.35	10	0.03	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® Sun	No Grilles	AND-N-55-00244-00001	0.33	1.87	0.16	0.22	8	0.03	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00244-00002	0.33	1.87	0.14	0.19	7	0.03	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-55-00251-00001	0.35	1.99	0.14	0.19	4	0.03	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® SmartSun™	No Grilles	AND-N-55-00245-00001	0.33	1.87	0.17	0.37	9	0.03	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00245-00002	0.33	1.87	0.15	0.31	7	0.03	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-55-00252-00001	0.34	1.93	0.15	0.31	6	0.03	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			
Low-E4® PassiveSun™	No Grilles	AND-N-55-00241-00001	0.34	1.93	0.39	0.45	20	0.03	-	-	-	-	-	-			
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-55-00241-00002	0.34	1.93	0.34	0.38	17	0.03	-	-	-	-	-	-			
	Full Divided Lite (FDL)	AND-N-55-00248-00001	0.36	2.04	0.34	0.38	15	0.03	-	-	-	-	-	-			
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-			

400 Series  
Frenchwood®  
Hinged  
Outswing Patio  
Door (w/  
Capillary  
Breather Tubes)

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010			
										Northern	Central	Southern	Zone A	Zone B	Zone C	Zone D
<b>3.9 Tempered Glass - w/ Grilles 1" or Greater</b>																
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00242-00003	0.33	1.87	0.18	0.29	9	0.03	-	-	-	-	-		
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)		AND-N-55-00256-00001	0.35	1.99	0.21	0.35	8	0.03	-	-	-	-	-		
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00244-00003	0.33	1.87	0.12	0.16	6	0.03	-	-	-	-	-		
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)		AND-N-55-00258-00001	0.35	1.99	0.14	0.19	4	0.03	-	-	-	-	-		
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00245-00003	0.33	1.87	0.13	0.26	6	0.03	-	-	-	-	-		
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)		AND-N-55-00259-00001	0.35	1.99	0.15	0.31	5	0.03	-	-	-	-	-		
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00241-00003	0.34	1.93	0.29	0.32	14	0.03	-	-	-	-	-		
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)		AND-N-55-00255-00001	0.36	2.04	0.34	0.38	15	0.03	-	-	-	-	-		
<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																
Low-E4®	No Grilles		AND-N-55-00347-00001	0.33	1.87	0.25	0.41	13	0.03	-	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00347-00002	0.33	1.87	0.22	0.35	11	0.03	-	-	-	-	-		
	Full Divided Lite (FDL)		AND-N-55-00353-00001	0.35	1.99	0.22	0.35	9	0.03	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-		
Low-E4® Sun	No Grilles		AND-N-55-00349-00001	0.33	1.87	0.16	0.23	8	0.03	-	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00349-00002	0.33	1.87	0.14	0.19	7	0.03	-	-	-	-	-		
	Full Divided Lite (FDL)		AND-N-55-00355-00001	0.35	1.99	0.14	0.19	4	0.03	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-		
Low-E4® SmartSun™	No Grilles		AND-N-55-00350-00001	0.33	1.87	0.17	0.37	9	0.03	-	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00350-00002	0.33	1.87	0.15	0.31	7	0.03	-	-	-	-	-		
	Full Divided Lite (FDL)		AND-N-55-00356-00001	0.34	1.93	0.15	0.31	6	0.03	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-		
Low-E4® PassiveSun™	No Grilles		AND-N-55-00346-00001	0.34	1.93	0.38	0.45	19	0.03	-	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00346-00002	0.34	1.93	0.33	0.38	16	0.03	-	-	-	-	-		
	Full Divided Lite (FDL)		AND-N-55-00352-00001	0.36	2.04	0.33	0.38	14	0.03	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-		
<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00347-00003	0.33	1.87	0.19	0.29	10	0.03	-	-	-	-	-		
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)		AND-N-55-00359-00001	0.35	1.99	0.22	0.35	9	0.03	-	-	-	-	-		
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00349-00003	0.33	1.87	0.12	0.16	6	0.03	-	-	-	-	-		
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)		AND-N-55-00361-00001	0.35	1.99	0.14	0.19	4	0.03	-	-	-	-	-		
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00350-00003	0.33	1.87	0.13	0.27	6	0.03	-	-	-	-	-		
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)		AND-N-55-00362-00001	0.34	1.93	0.15	0.31	6	0.03	-	-	-	-	-		
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-55-00346-00003	0.34	1.93	0.28	0.32	14	0.03	-	-	-	-	-		
	Full Divided Lite (FDL)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)		AND-N-55-00358-00001	0.36	2.04	0.33	0.38	14	0.03	-	-	-	-	-		

400 Series  
Frenchwood®  
Hinged  
Outswing Patio  
Door (w/  
Capillary  
Breather Tubes)



Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010					
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D	
										N	NC	SC	S	A	B	C	D	
400 Series Frenchwood® Patio Door Sidelite	<b>3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
	Low-E4®	No Grilles	AND-N-64-00261-00001	0.30	1.70	0.22	0.37	15	0.01	N	NC	SC	S	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00261-00002	0.30	1.70	0.20	0.33	14	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-64-00268-00001	0.31	1.76	0.20	0.33	13	0.01	N	NC	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-64-00263-00001	0.30	1.70	0.14	0.21	11	0.01	N	NC	SC	S	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00263-00002	0.30	1.70	0.13	0.18	10	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-64-00270-00001	0.31	1.76	0.13	0.18	9	0.01	N	NC	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-64-00264-00001	0.30	1.70	0.15	0.33	11	0.01	N	NC	SC	S	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00264-00002	0.30	1.70	0.14	0.29	11	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-64-00271-00001	0.31	1.76	0.14	0.29	9	0.01	N	NC	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-64-00260-00001	0.31	1.76	0.37	0.41	23	0.01	-	-	-	-	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00260-00002	0.31	1.76	0.33	0.36	20	0.01	-	-	-	-	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-64-00267-00001	0.32	1.82	0.33	0.36	19	0.01	-	-	-	-	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	<b>3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																	
	Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00261-00003	0.30	1.70	0.18	0.29	13	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-64-00275-00001	0.31	1.76	0.18	0.29	12	0.01	N	NC	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-64-00282-00001	0.31	1.76	0.20	0.33	13	0.01	N	NC	SC	S	A	-	-	-	-
	Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00263-00003	0.30	1.70	0.11	0.16	9	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-64-00277-00001	0.31	1.76	0.11	0.16	8	0.01	N	NC	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-64-00284-00001	0.31	1.76	0.13	0.18	9	0.01	N	NC	SC	S	A	-	-	-	-
	Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00264-00003	0.30	1.70	0.12	0.26	10	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-64-00278-00001	0.31	1.76	0.12	0.26	8	0.01	N	NC	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-64-00285-00001	0.31	1.76	0.14	0.29	9	0.01	N	NC	SC	S	A	-	-	-	-
	Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00260-00003	0.31	1.76	0.29	0.31	18	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-64-00274-00001	0.32	1.82	0.29	0.31	17	0.01	N	NC	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	AND-N-64-00281-00001	0.32	1.82	0.33	0.36	19	0.01	-	-	-	-	A	-	-	-	-
	<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
	Low-E4®	No Grilles	AND-N-64-00261-00004	0.30	1.70	0.22	0.37	15	0.01	N	NC	SC	S	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00261-00005	0.30	1.70	0.20	0.33	14	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-64-00268-00002	0.31	1.76	0.20	0.33	13	0.01	N	NC	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® Sun	No Grilles	AND-N-64-00263-00004	0.30	1.70	0.14	0.21	11	0.01	N	NC	SC	S	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00263-00005	0.30	1.70	0.13	0.18	10	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-64-00270-00002	0.31	1.76	0.13	0.18	9	0.01	N	NC	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® SmartSun™	No Grilles	AND-N-64-00264-00004	0.30	1.70	0.15	0.33	11	0.01	N	NC	SC	S	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00264-00005	0.30	1.70	0.14	0.29	11	0.01	N	NC	SC	S	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-64-00271-00002	0.31	1.76	0.14	0.29	9	0.01	N	NC	SC	S	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
	Low-E4® PassiveSun™	No Grilles	AND-N-64-00260-00004	0.31	1.76	0.34	0.41	21	0.01	-	-	-	-	A	-	-	-	-
		Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00260-00005	0.31	1.76	0.31	0.36	19	0.01	-	-	-	-	A	-	-	-	-
		Full Divided Lite (FDL)	AND-N-64-00267-00002	0.32	1.82	0.31	0.36	18	0.01	-	-	-	-	A	-	-	-	-
		Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										N	NC	SC	S	A	B	C	D
<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00261-00006	0.30	1.70	0.18	0.29	13	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00275-00002	0.31	1.76	0.18	0.29	12	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-64-00282-00002	0.31	1.76	0.20	0.33	13	0.01	N	NC	SC	S	A	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00263-00006	0.30	1.70	0.11	0.16	9	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00277-00002	0.31	1.76	0.11	0.16	8	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-64-00284-00002	0.31	1.76	0.13	0.18	9	0.01	N	NC	SC	S	A	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00264-00006	0.30	1.70	0.12	0.26	10	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00278-00002	0.31	1.76	0.12	0.26	8	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-64-00285-00002	0.31	1.76	0.14	0.29	9	0.01	N	NC	SC	S	A	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00260-00006	0.31	1.76	0.27	0.31	17	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00274-00002	0.32	1.82	0.27	0.31	16	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-64-00281-00002	0.32	1.82	0.31	0.36	18	0.01	-	-	-	-	A	-	-	-
<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
Low-E4®	No Grilles		AND-N-64-00261-00007	0.30	1.70	0.22	0.37	15	0.01	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00261-00008	0.30	1.70	0.20	0.32	14	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00268-00003	0.31	1.76	0.20	0.32	13	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® Sun	No Grilles		AND-N-64-00263-00007	0.30	1.70	0.14	0.20	11	0.01	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00263-00008	0.30	1.70	0.12	0.18	10	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00270-00003	0.31	1.76	0.12	0.18	8	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	No Grilles		AND-N-64-00264-00007	0.30	1.70	0.15	0.33	11	0.01	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00264-00008	0.30	1.70	0.14	0.29	11	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00271-00003	0.31	1.76	0.14	0.29	9	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-64-00260-00007	0.31	1.76	0.33	0.40	20	0.01	-	-	-	-	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00260-00008	0.31	1.76	0.30	0.35	19	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00267-00003	0.32	1.82	0.30	0.35	17	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00261-00009	0.30	1.70	0.18	0.28	13	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00275-00003	0.31	1.76	0.18	0.28	12	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-64-00282-00003	0.31	1.76	0.20	0.32	13	0.01	N	NC	SC	S	A	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00263-00009	0.30	1.70	0.11	0.15	9	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00277-00003	0.31	1.76	0.11	0.15	8	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-64-00284-00003	0.31	1.76	0.12	0.18	8	0.01	N	NC	SC	S	A	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00264-00009	0.30	1.70	0.12	0.25	10	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00278-00003	0.31	1.76	0.12	0.25	8	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-64-00285-00003	0.31	1.76	0.14	0.29	9	0.01	N	NC	SC	S	A	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00260-00009	0.31	1.76	0.26	0.31	16	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00274-00003	0.32	1.82	0.26	0.31	15	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-64-00281-00003	0.32	1.82	0.30	0.35	17	0.01	N	NC	SC	S	A	-	-	-

400 Series  
Frenchwood®  
Patio Door  
Sidelite

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010				Canada ENERGY STAR 2010			
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										N	NC	SC	S	A	B	C	D
<b>3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-64-00149-00001	0.32	1.82	0.22	0.37	13	0.01	N	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00149-00002	0.32	1.82	0.20	0.33	12	0.01	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-64-00156-00001	0.34	1.93	0.20	0.33	9	0.01	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® Sun	No Grilles	AND-N-64-00151-00001	0.33	1.87	0.14	0.21	7	0.01	-	-	-	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00151-00002	0.33	1.87	0.13	0.18	6	0.01	-	-	-	-	-	-	-		
	Full Divided Lite (FDL)	AND-N-64-00158-00001	0.34	1.93	0.13	0.18	5	0.01	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® SmartSun™	No Grilles	AND-N-64-00152-00001	0.32	1.82	0.15	0.33	9	0.01	N	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00152-00002	0.32	1.82	0.14	0.29	8	0.01	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-64-00159-00001	0.33	1.87	0.14	0.29	7	0.01	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® PassiveSun™	No Grilles	AND-N-64-00148-00001	0.34	1.93	0.37	0.41	19	0.01	-	-	-	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00148-00002	0.34	1.93	0.33	0.36	17	0.01	-	-	-	-	-	-	-		
	Full Divided Lite (FDL)	AND-N-64-00155-00001	0.35	1.99	0.33	0.36	15	0.01	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
<b>3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00149-00003	0.32	1.82	0.18	0.29	10	0.01	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-64-00163-00001	0.33	1.87	0.18	0.29	9	0.01	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-64-00170-00001	0.34	1.93	0.20	0.33	9	0.01	-	-	-	-	-	-	-		
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00151-00003	0.33	1.87	0.12	0.16	6	0.01	-	-	-	-	-	-	-		
	Full Divided Lite (FDL)	AND-N-64-00165-00001	0.33	1.87	0.12	0.16	6	0.01	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-64-00172-00001	0.34	1.93	0.13	0.18	5	0.01	-	-	-	-	-	-	-		
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00152-00003	0.32	1.82	0.12	0.26	7	0.01	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-64-00166-00001	0.33	1.87	0.12	0.26	6	0.01	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-64-00173-00001	0.33	1.87	0.14	0.29	7	0.01	-	-	-	-	-	-	-		
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00148-00003	0.34	1.93	0.29	0.31	14	0.01	-	-	-	-	-	-	-		
	Full Divided Lite (FDL)	AND-N-64-00162-00001	0.34	1.93	0.29	0.31	14	0.01	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	AND-N-64-00169-00001	0.35	1.99	0.33	0.36	15	0.01	-	-	-	-	-	-	-		
<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
Low-E4®	No Grilles	AND-N-64-00149-00004	0.32	1.82	0.22	0.37	13	0.01	N	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00149-00005	0.32	1.82	0.20	0.33	12	0.01	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-64-00156-00002	0.34	1.93	0.20	0.33	9	0.01	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® Sun	No Grilles	AND-N-64-00151-00004	0.33	1.87	0.14	0.21	7	0.01	-	-	-	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00151-00005	0.33	1.87	0.13	0.18	6	0.01	-	-	-	-	-	-	-		
	Full Divided Lite (FDL)	AND-N-64-00158-00002	0.34	1.93	0.13	0.18	5	0.01	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® SmartSun™	No Grilles	AND-N-64-00152-00004	0.32	1.82	0.15	0.33	9	0.01	N	NC	SC	S	A	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00152-00005	0.32	1.82	0.14	0.29	8	0.01	N	NC	SC	S	A	-	-		
	Full Divided Lite (FDL)	AND-N-64-00159-00002	0.33	1.87	0.14	0.29	7	0.01	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		
Low-E4® PassiveSun™	No Grilles	AND-N-64-00148-00004	0.34	1.93	0.34	0.41	17	0.01	-	-	-	-	-	-	-		
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-64-00148-00005	0.34	1.93	0.31	0.36	16	0.01	-	-	-	-	-	-	-		
	Full Divided Lite (FDL)	AND-N-64-00155-00002	0.35	1.99	0.31	0.36	14	0.01	-	-	-	-	-	-	-		
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-		

400 Series  
Frenchwood®  
Patio Door  
Sidelite (w/  
Capillary  
Breather Tubes)

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRC Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00149-00006	0.32	1.82	0.18	0.29	10	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00163-00002	0.33	1.87	0.18	0.29	9	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-64-00170-00002	0.34	1.93	0.20	0.33	9	0.01	-	-	-	-	-	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00151-00006	0.33	1.87	0.12	0.16	6	0.01	-	-	-	-	-	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00165-00002	0.33	1.87	0.12	0.16	6	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-64-00172-00002	0.34	1.93	0.13	0.18	5	0.01	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00152-00006	0.32	1.82	0.12	0.26	7	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00166-00002	0.33	1.87	0.12	0.26	6	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-64-00173-00002	0.33	1.87	0.14	0.29	7	0.01	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00148-00006	0.34	1.93	0.27	0.31	13	0.01	-	-	-	-	-	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00162-00002	0.34	1.93	0.27	0.31	13	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-64-00169-00002	0.35	1.99	0.31	0.36	14	0.01	-	-	-	-	-	-	-	-
<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
Low-E4®	No Grilles		AND-N-64-00149-00007	0.32	1.82	0.22	0.37	13	0.01	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00149-00008	0.32	1.82	0.20	0.32	12	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00156-00003	0.34	1.93	0.20	0.32	9	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® Sun	No Grilles		AND-N-64-00151-00007	0.33	1.87	0.14	0.20	7	0.01	-	-	-	-	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00151-00008	0.33	1.87	0.13	0.18	6	0.01	-	-	-	-	-	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00158-00003	0.34	1.93	0.13	0.18	5	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	No Grilles		AND-N-64-00152-00007	0.32	1.82	0.15	0.33	9	0.01	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00152-00008	0.32	1.82	0.14	0.29	8	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00159-00003	0.33	1.87	0.14	0.29	7	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-64-00148-00007	0.34	1.93	0.33	0.40	17	0.01	-	-	-	-	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00148-00008	0.34	1.93	0.30	0.35	15	0.01	-	-	-	-	-	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00155-00003	0.35	1.99	0.30	0.35	14	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00149-00009	0.32	1.82	0.18	0.28	10	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00163-00003	0.33	1.87	0.18	0.28	9	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-64-00170-00003	0.34	1.93	0.20	0.32	9	0.01	-	-	-	-	-	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00151-00009	0.33	1.87	0.11	0.15	5	0.01	-	-	-	-	-	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00165-00003	0.33	1.87	0.11	0.15	5	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-64-00172-00003	0.34	1.93	0.13	0.18	5	0.01	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00152-00009	0.32	1.82	0.12	0.25	7	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00166-00003	0.33	1.87	0.12	0.25	6	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-64-00173-00003	0.33	1.87	0.14	0.29	7	0.01	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-64-00148-00009	0.34	1.93	0.26	0.31	13	0.01	-	-	-	-	-	-	-	-
	Full Divided Lite (FDL)		AND-N-64-00162-00003	0.34	1.93	0.26	0.31	13	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-64-00169-00003	0.35	1.99	0.30	0.35	14	0.01	-	-	-	-	-	-	-	-

400 Series  
Frenchwood®  
Patio Door  
Sidelite (w/  
Capillary  
Breather Tubes)

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										N	NC	SC	S	A	B	C	D
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-65-00277-00001	0.29	1.65	0.24	0.40	18	0.01	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00277-00002	0.29	1.65	0.21	0.35	16	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00284-00001	0.30	1.70	0.21	0.35	15	0.01	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® Sun	No Grilles	AND-N-65-00279-00001	0.30	1.70	0.15	0.22	11	0.01	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00279-00002	0.30	1.70	0.13	0.20	10	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00286-00001	0.30	1.70	0.13	0.20	10	0.01	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	No Grilles	AND-N-65-00280-00001	0.29	1.65	0.16	0.36	13	0.01	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00280-00002	0.29	1.65	0.14	0.32	12	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00287-00001	0.30	1.70	0.14	0.32	11	0.01	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	No Grilles	AND-N-65-00276-00001	0.31	1.76	0.39	0.43	24	0.01	-	-	-	-	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00276-00002	0.31	1.76	0.35	0.39	22	0.01	-	-	-	-	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00283-00001	0.32	1.82	0.35	0.39	20	0.01	-	-	-	-	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00277-00003	0.29	1.65	0.19	0.31	15	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00291-00001	0.30	1.70	0.19	0.31	14	0.01	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)	AND-N-65-00298-00001	0.30	1.70	0.21	0.35	15	0.01	N	NC	SC	S	A	-	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00279-00003	0.30	1.70	0.12	0.17	10	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00293-00001	0.30	1.70	0.12	0.17	10	0.01	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)	AND-N-65-00300-00001	0.30	1.70	0.13	0.20	10	0.01	N	NC	SC	S	A	-	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00280-00003	0.29	1.65	0.13	0.28	11	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00294-00001	0.30	1.70	0.13	0.28	10	0.01	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)	AND-N-65-00301-00001	0.30	1.70	0.14	0.32	11	0.01	N	NC	SC	S	A	-	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00276-00003	0.31	1.76	0.31	0.34	19	0.01	-	-	-	-	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00290-00001	0.31	1.76	0.31	0.34	19	0.01	-	-	-	-	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)	AND-N-65-00297-00001	0.31	1.76	0.35	0.39	22	0.01	-	-	-	-	A	-	-	-	-
<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
Low-E4®	No Grilles	AND-N-65-00277-00004	0.29	1.65	0.24	0.40	18	0.01	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00277-00005	0.29	1.65	0.21	0.35	16	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00284-00002	0.30	1.70	0.21	0.35	15	0.01	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® Sun	No Grilles	AND-N-65-00279-00004	0.30	1.70	0.15	0.22	11	0.01	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00279-00005	0.30	1.70	0.13	0.20	10	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00286-00002	0.30	1.70	0.13	0.20	10	0.01	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	No Grilles	AND-N-65-00280-00004	0.29	1.65	0.16	0.36	13	0.01	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00280-00005	0.29	1.65	0.14	0.32	12	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00287-00002	0.30	1.70	0.14	0.32	11	0.01	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	No Grilles	AND-N-65-00276-00004	0.31	1.76	0.37	0.43	23	0.01	-	-	-	-	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00276-00005	0.31	1.76	0.33	0.39	20	0.01	-	-	-	-	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00283-00002	0.32	1.82	0.33	0.39	19	0.01	-	-	-	-	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-

400 Series  
Frenchwood®  
Patio Door  
Transom

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										N	NC	SC	S	A	B	C	D
<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00277-00006	0.29	1.65	0.19	0.31	15	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00291-00002	0.30	1.70	0.19	0.31	14	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-65-00298-00002	0.30	1.70	0.21	0.35	15	0.01	N	NC	SC	S	A	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00279-00006	0.30	1.70	0.12	0.17	10	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00293-00002	0.30	1.70	0.12	0.17	10	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-65-00300-00002	0.30	1.70	0.13	0.20	10	0.01	N	NC	SC	S	A	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00280-00006	0.29	1.65	0.13	0.28	11	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00294-00002	0.30	1.70	0.13	0.28	10	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-65-00301-00002	0.30	1.70	0.14	0.32	11	0.01	N	NC	SC	S	A	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00276-00006	0.31	1.76	0.29	0.34	18	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00290-00002	0.31	1.76	0.29	0.34	18	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-65-00297-00002	0.31	1.76	0.33	0.39	20	0.01	-	-	-	-	A	-	-	-
<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
Low-E4®	No Grilles		AND-N-65-00277-00007	0.29	1.65	0.23	0.39	17	0.01	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00277-00008	0.29	1.65	0.21	0.35	16	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00284-00003	0.30	1.70	0.21	0.35	15	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® Sun	No Grilles		AND-N-65-00279-00007	0.30	1.70	0.14	0.21	11	0.01	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00279-00008	0.30	1.70	0.13	0.19	10	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00286-00003	0.30	1.70	0.13	0.19	10	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	No Grilles		AND-N-65-00280-00007	0.29	1.65	0.16	0.35	13	0.01	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00280-00008	0.29	1.65	0.14	0.31	12	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00287-00003	0.30	1.70	0.14	0.31	11	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-65-00276-00007	0.31	1.76	0.36	0.43	22	0.01	-	-	-	-	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00276-00008	0.31	1.76	0.32	0.38	20	0.01	-	-	-	-	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00283-00003	0.32	1.82	0.32	0.38	19	0.01	-	-	-	-	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00277-00009	0.29	1.65	0.19	0.31	15	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00291-00003	0.30	1.70	0.19	0.31	14	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-65-00298-00003	0.30	1.70	0.21	0.35	15	0.01	N	NC	SC	S	A	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00279-00009	0.30	1.70	0.12	0.17	10	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00293-00003	0.30	1.70	0.12	0.17	10	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-65-00300-00003	0.30	1.70	0.13	0.19	10	0.01	N	NC	SC	S	A	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00280-00009	0.29	1.65	0.13	0.28	11	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00294-00003	0.30	1.70	0.13	0.28	10	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-65-00301-00003	0.30	1.70	0.14	0.31	11	0.01	N	NC	SC	S	A	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00276-00009	0.31	1.76	0.28	0.34	18	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00290-00003	0.31	1.76	0.28	0.34	18	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-65-00297-00003	0.31	1.76	0.32	0.38	20	0.01	-	-	-	-	A	-	-	-

400 Series  
Frenchwood®  
Patio Door  
Transom

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFR Certified Products Directory Number	U-Factor¹	U-Factor¹ Metric	SHGC²	VT³	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										N	NC	SC	S	A	B	C	D
<b>3.1 Annealed, or 3.1 Tempered Glass - w/ No Grilles and Grilles Less Than 1"</b>																	
Low-E4®	No Grilles	AND-N-65-00165-00001	0.32	1.82	0.24	0.40	14	0.01	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00165-00002	0.32	1.82	0.21	0.35	12	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00172-00001	0.33	1.87	0.21	0.35	11	0.01	-	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® Sun	No Grilles	AND-N-65-00167-00001	0.32	1.82	0.15	0.22	9	0.01	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00167-00002	0.32	1.82	0.14	0.20	8	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00174-00001	0.33	1.87	0.14	0.20	7	0.01	-	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	No Grilles	AND-N-65-00168-00001	0.32	1.82	0.16	0.36	9	0.01	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00168-00002	0.32	1.82	0.15	0.32	9	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00175-00001	0.32	1.82	0.15	0.32	9	0.01	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	No Grilles	AND-N-65-00164-00001	0.33	1.87	0.39	0.43	21	0.01	-	-	-	-	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00164-00002	0.33	1.87	0.35	0.39	19	0.01	-	-	-	-	-	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00171-00001	0.34	1.93	0.35	0.39	18	0.01	-	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
<b>3.1 Annealed, 3.1 or Tempered Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00165-00003	0.32	1.82	0.19	0.31	11	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00179-00001	0.32	1.82	0.19	0.31	11	0.01	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)	AND-N-65-00186-00001	0.33	1.87	0.21	0.35	11	0.01	-	-	-	-	-	-	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00167-00003	0.32	1.82	0.12	0.17	7	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00181-00001	0.33	1.87	0.12	0.17	6	0.01	-	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)	AND-N-65-00188-00001	0.33	1.87	0.14	0.20	7	0.01	-	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00168-00003	0.32	1.82	0.13	0.28	8	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00182-00001	0.32	1.82	0.13	0.28	8	0.01	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)	AND-N-65-00189-00001	0.32	1.82	0.15	0.32	9	0.01	N	NC	SC	S	A	-	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00164-00003	0.33	1.87	0.31	0.34	17	0.01	-	-	-	-	-	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00178-00001	0.34	1.93	0.31	0.34	16	0.01	-	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)	AND-N-65-00185-00001	0.34	1.93	0.35	0.39	18	0.01	-	-	-	-	-	-	-	-	-
<b>3.1 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
Low-E4®	No Grilles	AND-N-65-00165-00004	0.32	1.82	0.24	0.40	14	0.01	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00165-00005	0.32	1.82	0.21	0.35	12	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00172-00002	0.33	1.87	0.21	0.35	11	0.01	-	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® Sun	No Grilles	AND-N-65-00167-00004	0.32	1.82	0.15	0.22	9	0.01	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00167-00005	0.32	1.82	0.14	0.20	8	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00174-00002	0.33	1.87	0.14	0.20	7	0.01	-	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	No Grilles	AND-N-65-00168-00004	0.32	1.82	0.16	0.36	9	0.01	N	NC	SC	S	A	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00168-00005	0.32	1.82	0.15	0.32	9	0.01	N	NC	SC	S	A	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00175-00002	0.32	1.82	0.15	0.32	9	0.01	N	NC	SC	S	A	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	No Grilles	AND-N-65-00164-00004	0.33	1.87	0.37	0.43	20	0.01	-	-	-	-	-	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable	AND-N-65-00164-00005	0.33	1.87	0.33	0.39	18	0.01	-	-	-	-	-	-	-	-	-
	Full Divided Lite (FDL)	AND-N-65-00171-00002	0.34	1.93	0.33	0.39	17	0.01	-	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	-

400 Series  
Frenchwood®  
Patio Door  
Transom (w/  
Capillary  
Breather Tubes)

Andersen® Product Line & Product Type	Andersen Glass Type	Grille Type	NFRS Certified Products Directory Number	U-Factor <sup>1</sup>	U-Factor <sup>1</sup> Metric	SHGC <sup>2</sup>	VT <sup>3</sup>	Canada ER	Air Infiltration	U.S. ENERGY STAR 2010			Canada ENERGY STAR 2010				
										Northern	N. Central	S. Central	Southern	Zone A	Zone B	Zone C	Zone D
										N	NC	SC	S	A	B	C	D
<b>3.1 Pattern Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00165-00006	0.32	1.82	0.19	0.31	11	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00179-00002	0.32	1.82	0.19	0.31	11	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-65-00186-00002	0.33	1.87	0.21	0.35	11	0.01	-	-	-	-	-	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00167-00006	0.32	1.82	0.12	0.17	7	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00181-00002	0.33	1.87	0.12	0.17	6	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-65-00188-00002	0.33	1.87	0.14	0.20	7	0.01	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00168-00006	0.32	1.82	0.13	0.28	8	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00182-00002	0.32	1.82	0.13	0.28	8	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-65-00189-00002	0.32	1.82	0.15	0.32	9	0.01	N	NC	SC	S	A	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00164-00006	0.33	1.87	0.29	0.34	16	0.01	-	-	-	-	-	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00178-00002	0.34	1.93	0.29	0.34	14	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-65-00185-00002	0.34	1.93	0.33	0.39	17	0.01	-	-	-	-	-	-	-	-
<b>3.9 Pattern Glass - w/ No Grilles and Grilles Less than 1"</b>																	
Low-E4®	No Grilles		AND-N-65-00165-00007	0.32	1.82	0.24	0.39	14	0.01	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00165-00008	0.32	1.82	0.21	0.35	12	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00172-00003	0.33	1.87	0.21	0.35	11	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® Sun	No Grilles		AND-N-65-00167-00007	0.32	1.82	0.15	0.21	9	0.01	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00167-00008	0.32	1.82	0.14	0.19	8	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00174-00003	0.33	1.87	0.14	0.19	7	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	No Grilles		AND-N-65-00168-00007	0.32	1.82	0.16	0.35	9	0.01	N	NC	SC	S	A	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00168-00008	0.32	1.82	0.15	0.31	9	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00175-00003	0.32	1.82	0.15	0.31	9	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
Low-E4® PassiveSun™	No Grilles		AND-N-65-00164-00007	0.33	1.87	0.36	0.43	20	0.01	-	-	-	-	-	-	-	-
	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00164-00008	0.33	1.87	0.32	0.38	17	0.01	-	-	-	-	-	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00171-00003	0.34	1.93	0.32	0.38	16	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-
<b>3.9 Pattern Glass - w/ Grilles 1" or Greater</b>																	
Low-E4®	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00165-00009	0.32	1.82	0.19	0.31	11	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00179-00003	0.32	1.82	0.19	0.31	11	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-65-00186-00003	0.33	1.87	0.21	0.35	11	0.01	-	-	-	-	-	-	-	-
Low-E4® Sun	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00167-00009	0.32	1.82	0.12	0.17	7	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00181-00003	0.33	1.87	0.12	0.17	6	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-65-00188-00003	0.33	1.87	0.14	0.19	7	0.01	-	-	-	-	-	-	-	-
Low-E4® SmartSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00168-00009	0.32	1.82	0.13	0.28	8	0.01	N	NC	SC	S	A	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00182-00003	0.32	1.82	0.13	0.28	8	0.01	N	NC	SC	S	A	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-65-00189-00003	0.32	1.82	0.15	0.32	9	0.01	N	NC	SC	S	A	-	-	-
Low-E4® PassiveSun™	Simulated Divided Lite (SDL) or Installed Interior Removable		AND-N-65-00164-00009	0.33	1.87	0.28	0.34	15	0.01	-	-	-	-	-	-	-	-
	Full Divided Lite (FDL)		AND-N-65-00178-00003	0.34	1.93	0.28	0.34	14	0.01	-	-	-	-	-	-	-	-
	Finelight™ (grilles-between-the-glass)		AND-N-65-00185-00003	0.34	1.93	0.32	0.38	16	0.01	-	-	-	-	-	-	-	-

400 Series  
Frenchwood®  
Patjo Door  
Transom (w/  
Capillary  
Breather Tubes)