

IMPERO Wall










WHITE BODY WALL TILES

Rectified Edge



3¹/₈" x 12³/₈" 8x31.5 cm \pm 8.5 mm Finish | Glossy

This tiles complies recommended standard specifications for ceramics tiles ANSI A.137.1.

		Wall Tile Specification						IMPERO Wall
	PROPERTY	ASTM TEST METHOD	Calibrated		Rectified			
			Minimum	Maximum	Minimum	Maximum		
REGULARITY CHARACTERISTICS		Nominal Size	-2.00%	2.00%	-2.00%	2.00%	Compliant	
		Caliber Range (Variation from average facial dimension of sample)	-0.30% or -0.04 in (-1.0 mm) (*)	0.30% or 0.04 in (1.0 mm) (*)	-0.25% or -0.03 in (-0.8 mm) (*)	0.25% or 0.03 in (0.8 mm) (*)	Compliant	
		Thickness ⁽¹⁾	N/A	Range: 0.031 in (0.79 mm)	N/A	Range: 0.031 in (0.79 mm)	Compliant	
		Wedging	ASTM C502	-0.40% or -0.05 in (-1.3 mm) (*)	0.40% or 0.05 in (-1.3 mm) (*)	-0.25% or -0.03 in (-0.8 mm) (*)	0.25% or 0.03 in (0.8 mm) (*)	Compliant
		Warpage Edge	ASTM C485	-0.30% or -0.04 in (-1.0 mm) (*)	0.40% or 0.05 in (1.3 mm) (*)	-0.30% or -0.04 in (-1.0 mm) (*)	0.40% or 0.05 in (1.3 mm) (*)	Compliant
		Warpage Diagonal		-0.30% or -0.05 in (-1.3 mm) (*)	0.40% or 0.07 in (1.8 mm) (*)	-0.30% or -0.05 in (-1.3 mm) (*)	0.40% or 0.07 in (1.8 mm) (*)	Compliant
Wall Tiles								
STRUCTURAL CHARACTERISTICS		Water Absorption	ASTM C373	≥ 10.0%			10% - 20%	
BULK MECHANICAL CHARACTERISTICS		Breaking Strength	ASTM C648	Average ≥ 125 lbf. (1.11 kN) Individual ≥ 100 lbf. (0.44 kN)			≥ 175 lbf. avg	
PHYSICAL PROPERTIES		Bond Strength	ASTM C482	≥ 50 psi (0.34 Mpa)			≥ 100 psi	
THERMAL AND IGROMETRIC CHARACTERISTICS		Crazing Resistance	ASTM C424	Pass			Resistant	
		Thermal Shock Resistance	ASTM C484	Pass			Resistant	
CHEMICAL CHARACTERISTICS		Chemical Resistance	ASTM C650	As Reported			Unaffected	
		Stain Resistance	ASTM C1378	As Reported			Unaffected	

(*) Whichever is less

(1) May not apply to textured surfaces or tiles with uneven back patterns.