

Ceiling Guide



MORE ON THE WEB

INSTALLATION on www.armstrongceilings.com

- Ceiling Project Planning
- Ceiling Video Library
- Ceiling Glossary
- DIY Ceiling Installation Guides



As one of the world's largest providers of designer ceilings, Armstrong® ceilings has a vested interest in protecting the environment and using resources wisely. That's why all our ceilings contain recycled post-consumer waste and post-industrial products, ranging from 22% to 95%.

Contact Armstrong:

- 1-877-ARMSTRONG (276-7876)
- Email Techline: techline@armstrong.com
- Website: www.armstrongceilings.com



NOTE: Due to printing limitations, colors pictured cannot be guaranteed to match actual ceiling materials.

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Armstrong®
CEILINGS

Inspiring Great Spaces®



Armstrong®
CEILINGS

Inspiring Great Spaces®



Ceiling Selector

Why use an Armstrong® Ceiling vs drywall?

- Accessibility to pipes, ductwork and wiring
- Faster & cleaner installation
- Many reduce noise & resist mold & mildew
- Broad selection of visuals
- Easy to repair and replace damaged or stained panels

Getting Started

Selecting the right Armstrong® ceiling for your home is a breeze.

Just complete the do-it-yourself checklist designed to make sure you walk out of the store with the best product for your ceiling project.

Just check off the type of ceiling you're looking for, the features you want, and the ceiling style you like best. Match up your checkmarks with the Armstrong products that meet your needs.

1 Choose your ceiling style

Armstrong Ceilings offers many decorative options in tile, plank and panel ceilings, so it's up to you to decide which of our attractive ceiling styles is right for you.

- Patterned
- Smooth
- Textured
- Wood
- Tin/Metal
- Coffered

2 Choose your installation system

- 15/16" Exposed Grid (suspended/drop)
- 9/16" Exposed Grid (suspended/drop)
- Track and Clip System (direct apply/concealed system)

3 Select your ceiling type

- **TILES** (direct apply/concealed system)—Attractive 12" x 12", 16" x 16" or 2' x 4' tiles attach directly to your existing ceiling surface, minimizing loss of ceiling height.
- **PLANKS** (direct apply/concealed system)—Versatile Armstrong ceiling planks also fasten directly to your current ceiling. The planks are available in 6" x 48" and 5" x 84" sizes.
- **PANELS** (suspended/drop)—2' x 2', 2' x 4' panels lay in a suspended grid system below your existing ceiling surface (minimum 3" drop). Suspended panels are an ideal way to lower or level your existing ceiling or make it easy to gain access to fixtures above the ceiling and make repairs.

Suspended panels are also the way to go if you are installing recessed lighting, but you'll need a little more room—an additional 6" drop below your current ceiling for recessed lighting.

4 Select your special features

Armstrong Decorative Ceilings and HomeStyle® Ceilings are carefully designed to meet the do-it-yourself decorative and performance needs of the residential shopper, while our Contractor Ceilings are institutional-style ceilings intended for light commercial use.

While all Armstrong ceilings have some strong characteristics in common, including washability, standard acoustics and fire-resistance, many also have extra features that may be particularly important in your home.

- **MOLD, MILDEW and BACTERIA RESISTANCE**—Ceilings are specially treated to resist the growth of mold, mildew, odor and stain causing bacteria on the painted surface.
- **EXTRA SOUND REDUCTION**—Ceilings further reduce noise within a room (NRC), or traveling from room to room (CAC), by absorbing up to 70 percent of the sounds that strike their surface.
- **SAG-RESISTANCE**—Ceilings are ideal for areas with high humidity, but not where subjected to standing water.
- **LIGHT REFLECTANCE**—Percent of light that strikes the surface which is reflected, thereby diminishing the number of light fixtures required.
- **FIRE PERFORMANCE**—Most all Armstrong ceilings provide a Class A flame spread rating. For applications requiring UL Fire Rated Assemblies, please use our FireGuard™ ceiling and grid items that are specially formulated to provide enhanced resistance against structural failure.

5 Select a color of finish if applicable

Decorative – High Design Products

WoodHaven™ CEILING PLANKS

Add the warmth and beauty of natural-looking wood to your home by using WoodHaven™ ceiling planks. Let it make a one-of-a-kind statement that is as unique as your lifestyle and individual taste. WoodHaven ceiling planks—made of MDF (medium density fiberboard)—are easy to handle and can be installed directly over your existing ceiling in just a weekend.

Features

- Prefinished, natural wood-grain look (except 1148 and 1149)
- Maintenance free
- Humidity resistance
- Great for covering damaged drywall and plaster, or popcorn ceilings
- 1148 and 1149 can be used for wainscoting and are paintable
- Update your ceiling without losing ceiling height

Install in three different ways

1. Our beautiful prefinished laminate planks install in a breeze. With specially designed installation clips and screws that are included right in the plank package, they install directly to exposed joists. Must use 1.5" drywall screws* when installing WoodHaven planks to drywall.
2. Transform an existing 15/16" suspended (drop) ceiling using Easy Up® clips. Clips sold separately (Item #1191SC – 135 clips per carton)
Note: existing grid must be 15/16".
3. Use Easy Up system for faster, more flexible installation or to run planks parallel or diagonal to joists.

*Drywall screws not included

Warranty

- 10-year limited manufacturer warranty

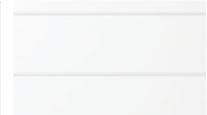
5" x 84" Planks – WoodHaven™ Finishes



1149 BEADBOARD



1140 CLASSIC WHITE



1148 PAINTED WHITE



1268 NATURAL CHERRY



1271 BAMBOO



1265 WHITE WASH



1262 CLASSIC MAPLE



1273 WEATHERED



1263 NEW APPLE



1264 RUSTIC PINE

1264 WoodHaven™ RUSTIC PINE

1148 WoodHaven™ PAINTED WHITE



Decorative – High Design Products

WoodHaven® Planks on walls

Consider the expanded range of decorating options with WoodHaven™ planks as wainscoting and backsplash. Enhance the aesthetic appeal of virtually any wall—including bathroom and kitchen applications—with two design selections, Painted White and Beadboard. WoodHaven planks make creating a total room design solution easy and affordable.

Installation options

1. Install vertically on a wall using construction adhesive. Follow the adhesive manufacturer's recommendations for surface preparation and application rate. Use painter's tape if necessary to hold planks in place until the adhesive sets up.
2. Install horizontally on a wall using clips included in the WoodHaven plank carton.



Beveled
Tongue &
Groove Edge



Installs Direct
To Ceiling



10
Year
Limited
Manufacturer
Warranty



Recycled
Content

1149 WoodHaven™ BEADBOARD (FIELD PAINTED)



Decorative – High Design Products

TinLook™ PAINTABLE CEILINGS

TinLook™ 12" x 12" decorative ceiling tiles can bring a vintage tin ceiling look or a contemporary feel to any space. Available in white, these tiles can be painted to create the ceiling you desire.

12" x 12" Styles



46 WELLINGTON™



1240 TINTILE™



1244 CIRCLES

Features

- Vintage tin ceiling look at an affordable price
- Paintable to match any décor
- Great for covering damaged drywall and plaster, or popcorn ceilings

Installation

- Easy to install directly to your ceiling with Easy Up® installation system or adhesive

Warranty

- Use Easy Up system for a 30-year limited warranty (ceiling tile alone is a 10-year warranty)



Square
Tongue &
Groove Edge



easy
up
Installation
System



Installs Direct
To Ceiling



10/30
Year
Limited
Manufacturer
Warranty



Recycled
Content
40%

1240 TINTILE™ (FIELD PAINTED)



HomeStyle® Ceilings – Direct Apply



For a minimal investment in dollars and time, you can totally transform any space with an Armstrong® direct apply ceiling without giving up ceiling height. Don't settle for a boring white ceiling! In just one weekend, our DIY-friendly ceiling tiles and planks can bring life to the "fifth wall" of any room. Apply directly to the ceiling with Easy Up® installation system or adhesive.

HomeStyle Direct Apply Ceiling Plank

The visual of our 6" x 48" HomeStyle® Country Classic™ Plank provides a country rustic look as a cost-effective alternative to real wood planks. These easy-to-install planks come in white, or you can paint or stain them for the style you're looking for.

6" x 48" Plank



480 COUNTRY CLASSIC™ PLANK

Features

- Real wood grain appearance at an affordable price
- Paintable or stainable to match any décor
- Great for covering damaged drywall and plaster, or popcorn ceilings

480 COUNTRY CLASSIC™ PLANK



Installation

- Easy to install directly to your ceiling with Easy Up® installation system or adhesive

Warranty

- Use Easy Up system for a 30-year limited warranty (ceiling plank alone is a 10-year warranty)



Beveled
Tongue &
Groove Edge



Installation
System



Installs Direct
To Ceiling



10/30
Year
Limited
Manufacturer
Warranty



Recycled
Content
22%

480 COUNTRY CLASSIC™ PLANK

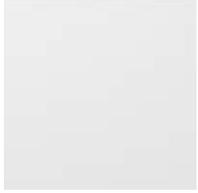


HomeStyle® Ceilings – Direct Apply



Adding ceiling tiles to any room can completely refresh the décor. Our ceiling tiles are fast and easy to install. They provide a great cover up for damaged drywall and plaster or popcorn ceilings. Apply directly to the ceiling with Easy Up® installation system or adhesive.

12" x 12" Tiles



231 WASHABLE WHITE



250 PINEHURST™



SC258 GRENOBLE™



257 SAND PEBBLE™

Features

- Paintable to match any décor
- 16" x 16" tiles install faster than 12" x 12" tiles, with fewer seams
- Great for covering damaged drywall and plaster or popcorn ceilings

Installation

- Easy to install directly to your ceiling with Easy Up® installation system or adhesive

Warranty

- Use Easy Up system for a 30-year limited warranty (ceiling tile alone is a 10-year warranty)



Square
Tongue &
Groove Edge



easy
up
Installation
System



Installs Direct
To Ceiling



10/30
Year
Limited
Manufacturer
Warranty



Recycled
Content
33%

250 PINEHURST™

257 SAND PEBBLE™



HomeStyle® Ceilings – Suspended



HomeStyle® High Performance Ceiling Panels

HomeStyle® High Performance ceiling panels are perfect for the home. These panels are fast and easy to install, plus have the added benefit of mold, mildew and bacteria resistance, making them an ideal choice for your basement. These acoustic panels absorb sound and reduce the echo effect.

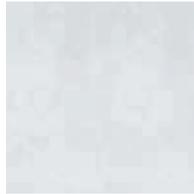
2' x 2' Styles



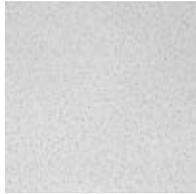
954 (584) CLASSIC FINE
TEXTURED
-TEGULAR EDGE



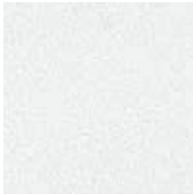
271 (1774) SAHARA™
-TEGULAR EDGE



273 (1772) SAHARA™
-SQUARE EDGE



932 (1732) FINE
FISSURED™
-TEGULAR EDGE



928 (1728) FINE
FISSURED™
-SQUARE EDGE



1728BL FINE FISSURED™
BLACK
-SQUARE EDGE



241 SUPERTUFF
TEGULAR EDGE

High Performance Panel Features

- Variety of decorative styles to match any décor
- Ideal for basements and home theaters
- Mold, mildew and bacteria resistance
- Sag resistance
- Non-directional patterns install faster and reduce scrap
- Easy installation system provides access to pipes, ducts and wiring
- 241 is impact resistant; ideal for rec rooms
- Acoustical; all absorb >50% of noise

Installation

- Installs with Prelude® 15/16" grid system

Warranty

- 30-year system warranty when installed with Prelude grid system (ceiling panel alone is a 10-year warranty)



15/16"
Grid Only



Installs
In Grid



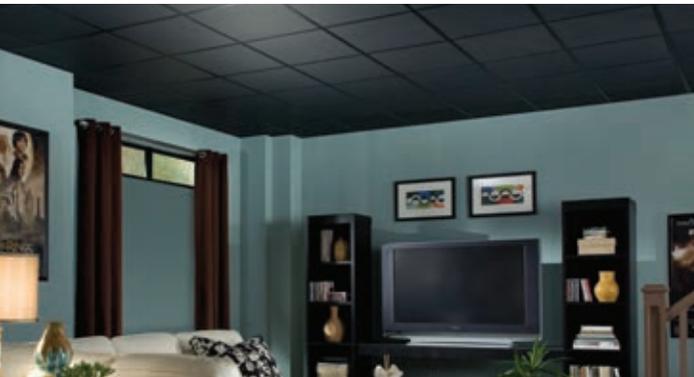
Limited
Manufacturer
Warranty



Recycled
Content
41%

1728BL FINE FISSURED™ BLACK

271 SAHARA™



HomeStyle® Ceilings – Suspended



2' x 2' Decorative Styles



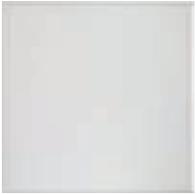
266 BRIGHTON™
-TEGULAR EDGE



1270 CASCADE™
-TEGULAR EDGE



1201 RAISED PANEL™
-FLUSH TEGULAR EDGE



1203 FLUTED
-FLUSH TEGULAR EDGE



1205 SINGLE RAISED
PANEL
-FLUSH TEGULAR EDGE



1206 TANGO
-TEGULAR EDGE



8008 TINCRAFT CIRCLE
-FLUSH TEGULAR EDGE

Features

- Variety of decorative styles to match any décor (paintable)
- Grid blending design masks the industrial look of metal grid (except 1201, 1203, 1205 and 1270)
- Non-directional patterns install faster and reduce scrap
- Easy installation system provides access to pipes, ducts and wiring

Installation

- Installs with Prelude® 15/16" grid system

Warranty

- 266 & 1270 have a 1-year warranty; 1201, 1203, 1205, 1206 and 8008 have a 10-year limited manufacturer's warranty



15/16"
Grid Only



9/16"
Grid Only



Installs
In Grid



1 Year
Limited
Manufacturer
Warranty



10 Year
Limited
Manufacturer
Warranty



Recycled
Content

1205 SINGLE RAISED PANEL



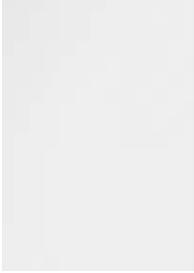
8008 TINCRAFT CIRCLE



HomeStyle® Ceilings – Suspended

HomeStyle®
CEILINGS

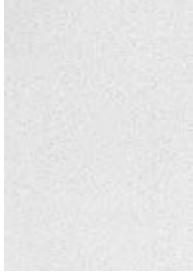
2' x 4' Panels



280 PLAIN WHITE



297 GRENOBLE™



922 (1729) FINE
FISSURED™



403 ESPRIT®
FIBERGLASS

Features

- Non-directional patterns install faster
- 922 & 403 are economical and high performance (sag, mold and mildew resistant)
- Fiberglass panel option (403) offers a lightweight, easy to handle and install alternative to traditional ceiling options
- 922 acoustical; noise reducing

Installation

- Installs with Prelude® 15/16" grid system

Warranty

- 922 and 403 have a 30-year system warranty when installed with a grid system recommended by Armstrong® Ceilings (ceiling panel alone is a 10-year warranty). 280 and 297 have a 1-year limited manufacturer's warranty.



Square Edge



15/16" Grid Only



Installs In Grid



Limited Manufacturer Warranty



Limited Manufacturer Warranty



Recycled Content

922 (1729) FINE FISSURED™

280 PLAIN WHITE



Contractor Series™

ContractorSeries™ CEILINGS

2' x 2' Panels



934 (704) RANDOM
—TEXTURED TEGULAR



935 (770) RANDOM
—TEXTURED SQUARE EDGE

2' x 4' Panels



915 (895) TEXTURED FIRE
GUARD™
—SQUARE EDGE



942 (755) TEXTURED
—SQUARE EDGE



933 (769) RANDOM
TEXTURED
—SQUARE EDGE



9767 (2767) SCORED
—TEGULAR

934 (704) RANDOM TEXTURED

915 (895) TEXTURED FIRE GUARD™

Features

- Great for new, replacement and matching ceilings
- Acoustical; reduce noise 55%
- Non-directional image reduces labor and scrap (933, 934, 935)
- Easy installation system provides access to pipes, ducts and wiring
- 915 must be installed in a fire Guard™ grid to achieve fire resistant UL ratings

Installation

- Installs with Prelude® 15/16" grid system

Warranty

- 1-year limited manufacturer's warranty



15/16"
Grid Only



Installs
In Grid



Limited
Manufacturer
Warranty



Limited
Manufacturer
Warranty



Recycled
Content



Performance Guide By Item

Retail Item #	Retail Item Name	Size		Edge Detail
46	Wellington™	12"x12"	1/2"	Square Tongue & Groove
231	Washable White	12"x12"	1/2"	Bevel Tongue & Groove
241	SuperTuff™	2'x2'	5/8"	Tegular
250	Pinehurst™	12"x12"	1/2"	Bevel Tongue & Groove
257	Sand Pebble™	12"x12"	1/2"	Tongue & Groove
SC258	Grenoble™	12"x12"	1/2"	Bevel Tongue & Groove
266	Brighton™	2'x2'	1/2"	Tegular
271	Sahara™	2'x2'	5/8"	Tegular
273	Sahara™	2'x2'	5/8"	Square
280	Plain White	2'x4'	1/2"	Square
297	Grenoble™	2'x4'	1/2"	Square
403	Esprit®	2'x4'	5/8"	Square
480	Country Classic™ Plank	6"x48"	1/2"	Bevel Tongue & Groove
915	Textured Fire Guard™*	2'x4'	5/8"	Square
922	Fine Fissured™	2'x4'	5/8"	Square
928	Fine Fissured™	2'x2'	5/8"	Square
932	Fine Fissured™	2'x2'	5/8"	Tegular
933	Random Textured	2'x4'	5/8"	Square
934	Random Textured	2'x2'	5/8"	Tegular
935	Random Textured	2'x2'	5/8"	Square
942	Textured	2'x4'	5/8"	Square
954	Classic Fine Textured	2'x2'	3/4"	Tegular
1201	Raised Panel™	2'x2'	5/8"	Flush Tegular
1203	Fluted	2'x2'	5/8"	Tegular
1205	Raised Panel	2'x2'	5/8"	Flush Tegular
1206	Tango	2'x2'	5/8"	Tegular
1240	TinTile™	12"x12"	1/2"	Square Tongue & Groove
1244	Circles	12"x12"	1/2"	Square Tongue & Groove
1270	Cascade™	2'x2'	3/4"	Tegular
1728BL	Fine Fissured™ – Black	2'x2'	5/8"	Square
8008	TinCraft Circles	2'x2'	5/8"	Flush Tegular
9767	Scored	2'x4'	3/4"	Tegular

Fire Performance Class	Mold Mildew Bacteria Resistance	Sag Resistance	NRC	CAC	LR	Recycled Material Content
A	-	-	-	30	0.76	40%
A	-	-	-	30	0.80	24%
A	x	x	0.50	33	0.87	33%
A	-	-	-	30	0.80	24%
A	-	-	-	30	0.80	24%
A	-	-	-	30	0.80	24%
A	x	-	0.45	30	0.86	25%
A	x	x	0.50	35	0.83	41%
A	x	x	0.50	35	0.83	41%
A	-	-	-	30	0.80	24%
A	-	-	-	30	0.80	24%
A	x	x	0.55	N/A	0.72	82%
A	-	-	-	30	0.80	22%
A	-	-	0.55	35	0.81	38%
A	x	x	0.55	35	0.85	40%
A	x	x	0.55	33	0.85	40%
A	x	x	0.55	35	0.85	40%
A	-	-	0.55	35	0.82	30%
A	-	-	0.55	33	0.82	30%
A	-	-	0.55	33	0.82	30%
A	-	-	0.55	35	0.80	30%
A	x	x	0.70	35	0.86	67%
A	x	-	-	30	0.80	52%
A	x	-	-	30	0.80	52%
A	x	-	-	30	0.80	52%
A	x	-	-	30	0.80	52%
A	-	-	-	30	0.80	40%
A	-	-	-	30	0.80	40%
A	x	-	-	30	0.80	25%
A	x	x	0.55	33	N/A	40%
A	-	-	-	35	0.78	52%
A	-	-	0.55	35	0.82	29%

Packaging Guide By Item

Retail Item #	Retail Item Name	Size	
46	Wellington™	12"x12"	1/2"
231	Washable White	12"x12"	1/2"
241	SuperTuff™	2'x2'	5/8"
250	Pinehurst™	12"x12"	1/2"
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1244	Circles	12"x12"	1/2"
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1728BL	Fine Fissured™ – BLACK	2'x2'	5/8"
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9767	Scored	2'x4'	3/4"

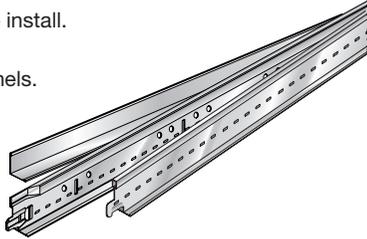
Edge Detail	SF Per Ctn	Pcs/Ctn	Warranty
Square Tongue & Groove	40	40	10/30-year
Bevel Tongue & Groove	40	40	10/30-year
Tegular	48	12	10/30-year
Bevel Tongue & Groove	40	40	10/30-year
Bevel Tongue & Groove	10	10	10/30-year
Tongue & Groove	40	40	10/30-year
Tegular	64	16	1-year
Tegular	64	16	10/30-year
Square	64	16	10/30-year
Square	64	8	1-year
Square	64	8	1-year
Square	128	16	10/30-year
Bevel Tongue & Groove	40	20	10/30-year
Square	64	8	1-year
Square	64	8	10/30-year
Square	64	16	10/30-year
Tegular	64	16	10/30-year
Square	80	10	1-year
Tegular	64	16	1-year
Square	64	16	1-year
Square	80	10	1-year
Tegular	48	12	10/30-year
Flush Tegular	24	6	10-year
Tegular	24	6	10-year
Flush Tegular	24	6	10-year
Tegular	24	6	10-year
Square Tongue & Groove	40	40	10/30-year
Square Tongue & Groove	40	40	10/30-year
Tegular	48	12	1-year
Square	64	16	10/30-year
Flush Tegular	48	12	1-year
Tegular	80	10	1-year

Suspended Ceiling Installation Kits

Makes it easy to install any Armstrong® HomeStyle® suspended ceiling.

Suspended Ceiling Installation Kit

- All-In-One Kit
Everything you need to install 64 sq. ft. of panels.
No estimating or guesswork.
- Convenience
Easy to take home. Easy to install.
- Choice
Kits for 2' x 2' or 2' x 4' panels.
White and Black available.



Estimating Guide

For suspended ceiling kits

Find room dimensions on left and top rows and read across for correct number of installation kits.

Installation Kits for 2' x 2' or 2' x 4' Panels								
Use this chart to determine number of installation kits you will need.								
	6'	8'	10'	12'	14'	16'	18'	20'
6'	1	1	1	2	2	2	2	2
8'	1	1	2	2	2	2	2	3
10'	1	2	2	2	3	3	3	4
12'	2	2	2	3	3	3	4	4
14'	2	2	3	3	4	4	4	5
16'	2	2	3	3	4	4	5	5
18'	2	3	3	4	4	5	6	6
20'	2	3	4	4	5	5	6	7

Kit Number: 6357WH

Kit for Ceiling Panel Size: 2' x 2'
2' x 2' White Grid Kit Includes:

- 3 – 6' Main Beams
- 9 – 4' Cross Tees
- 9 – 2' Cross Tees
- 3 – 6' Hanger Wires
- 5 – 6' Wall Moldings
- 9 – Hanger Wire Fasteners
- 25– Wall Molding Fasteners



Kit Number: 6357BL

Kit for Ceiling Panel Size: 2' x 2'
2' x 2' Black Grid Kit Includes:

- 3 – 6' Main Beams
- 9 – 4' Cross Tees
- 9 – 2' Cross Tees
- 3 – 6' Hanger Wires
- 5 – 6' Wall Moldings
- 9 – Hanger Wire Fasteners
- 25– Wall Molding Fasteners



Kit Number: 6355WH

Kit for Ceiling Panel Size: 2' x 4'
2' x 4' White Grid Kit Includes:

- 3 – 6' Main Beams
- 9 – 4' Cross Tees
- 3 – 6' Hanger Wires
- 5 – 6' Wall Moldings
- 9 – Hanger Wire Fasteners
- 25– Wall Molding Fasteners



Installing Ceiling Tiles and Planks

Installing 2' x 2' and 2' x 4' Ceiling Panels

Armstrong® ceiling tiles and planks can be installed directly to an existing ceiling. There are several installation methods available:

Adhesive

Armstrong ceiling tiles can be adhered directly to an existing drywall/gypsum ceiling that is level and in good condition.

Easy Up® Tracks and Clips

Armstrong ceiling tiles can be installed with a simple track and clip system applied to joists or an existing ceiling.

Item

1190 – Easy Up Tracks (160 LF per carton)

1191SC – Easy Up Clips (135 clips per carton; 1 carton covers about 120-sf)

Installing WoodHaven™ Planks Three Installation Options

- 1 Our beautiful prefinished laminate planks install in a breeze. With specially designed installation clips and screws that are included right in the plank package, they install directly to exposed joists. Must use 1.5" drywall screws* when installing WoodHaven planks to drywall.
*Drywall screws not included

- 2 Transform an existing 15/16" suspended (drop) ceiling using Easy Up® clips.

- 3 Use Easy Up system for faster, more flexible installation or to run planks parallel or diagonal to joists.



Direct Apply Ceiling

- Hammer
- Safety Glasses
- Staple Gun
- String
- Tape Measure
- Tin Snips
- Utility Knife
- Furring Strips

Main beams, cross tees and wall moldings are available individually or using Armstrong® Suspended Ceiling Grid Kits. Each kit contains all the materials you'll need to install 64 square feet of ceiling.

Estimating How Many Cartons You'll Need

With Armstrong® Ceilings estimating how much ceiling product you need is also a snap.

- 1 Measure the length and width of your room. Round up to the next whole number of feet.
- 2 Multiply the length of the room in feet by the width of the room in feet and divide by the number of square feet of ceiling in each carton.
- 3 Round your answer to the next whole number to determine how many cartons you'll need.

Please visit www.armstrong.com/ceilings/material estimator to access our online material estimator.



Suspended (drop) Ceiling

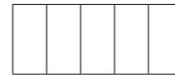
- Suspended Ceiling Installation Kit
- 2' or 3' Carpenter's Level
- Hammer
- Chalk Line
- Safety Glasses
- String
- Tape Measure
- Tin Snips
- Utility Knife
- Wire Cutting Pliers

Suspended Ceiling Estimating Guide For Ceiling Panels And Grid

In 6" x 6": Find room size on left and read across for 2' x 2' or 2' x 4' ceiling panels. As a general rule, use one, two-bulb 4' fluorescent lighting fixture every 75 square feet. Use one luminous panel for every recessed lighting fixture.



Main beams parallel to room's long dimension.



Main beams parallel to room's short dimension.

ROOM SIZE	AREA - SQ. FT.	2' x 2' Panels								2' x 4' Panels							
		12' WALL MOLDINGS	NUMBER OF PANELS		12' MAIN BEAMS		4' CROSS TEES		2' CROSS TEES		NUMBER OF PANELS	12' MAIN BEAMS		4' CROSS TEES			
6' x 6" to 10' x 48" Room Sizes																	
6' x 6'	36	2	9	1	2	5	1	2	5	6	1	4	1	4			
6' x 8'	48	3	12	1	4	6	1	3	7	8	1	6	1	6			
6' x 10'	60	3	15	1	4	8	1	4	9	10	1	7	1	8			
6' x 12'	72	3	18	1	6	9	1	5	11	12	1	9	1	10			
6' x 14'	84	4	21	2	6	11	2	6	13	14	2	10	2	12			
6' x 18'	108	4	27	2	8	14	2	8	17	18	2	13	2	16			
6' x 22'	132	5	33	3	10	17	2	10	21	22	3	16	2	20			
6' x 26'	156	6	39	3	12	20	3	12	25	26	3	19	3	24			
6' x 30'	180	6	45	4	14	23	3	14	29	30	4	22	3	28			
6' x 34'	204	7	51	4	16	26	3	16	33	34	4	25	3	32			
6' x 38'	228	8	57	5	18	29	4	18	37	38	5	28	4	36			
6' x 42'	252	8	63	5	20	32	4	20	41	42	5	31	4	40			
6' x 46'	276	9	69	6	22	35	4	22	45	46	6	34	4	44			
6' x 50'	300	10	75	6	24	38	5	24	49	50	6	37	5	48			
8' x 8'	64	3	16	1	6	8	1	6	8	8	1	6	1	6			
8' x 10'	80	3	20	2	6	11	1	8	10	10	2	7	1	8			
8' x 12'	96	4	24	2	9	12	1	10	12	12	2	9	1	10			
8' x 14'	112	4	28	2	9	15	2	12	14	14	2	10	2	12			
8' x 16'	128	4	32	2	12	16	2	14	16	16	2	12	2	14			
8' x 18'	144	5	36	3	12	19	2	16	18	18	3	13	2	16			
8' x 20'	160	5	40	3	15	20	2	18	20	20	3	15	2	18			
8' x 22'	176	5	44	4	15	23	2	20	22	22	4	16	2	20			
8' x 26'	208	6	52	4	18	27	3	24	26	26	4	19	3	24			
8' x 30'	240	7	60	5	21	31	3	28	30	30	5	22	3	28			
8' x 34'	272	7	68	6	24	35	3	32	34	34	6	25	3	32			
8' x 38'	304	8	76	6	27	39	4	36	38	38	6	28	4	36			
8' x 42'	336	9	84	7	30	43	4	40	42	42	7	31	4	40			
8' x 46'	368	9	92	8	33	47	4	44	46	46	8	34	4	44			
8' x 50'	400	10	100	8	36	51	5	48	50	50	8	37	5	48			
10' x 10'	100	4	25	2	8	14	2	8	14	15	2	12	2	12			
10' x 12'	120	4	30	2	12	15	2	10	17	18	2	15	2	15			
10' x 14'	140	4	35	3	12	19	3	12	20	21	3	17	3	18			
10' x 16'	160	5	40	3	16	20	3	14	23	24	3	20	3	21			
10' x 18'	180	5	45	4	16	24	3	16	26	27	4	22	3	24			
10' x 20'	200	5	50	4	20	25	4	18	29	30	4	25	4	27			
10' x 22'	220	6	55	5	20	29	4	20	32	33	5	27	4	30			
10' x 24'	240	6	60	5	24	30	4	22	35	36	5	30	4	33			
10' x 26'	260	6	65	5	24	34	5	24	38	39	5	32	5	36			
10' x 28'	280	7	70	5	28	35	5	26	41	42	5	35	5	39			
10' x 32'	320	7	80	6	32	40	6	30	47	48	6	40	6	45			
10' x 36'	360	8	90	7	36	45	6	34	53	54	7	45	6	51			
10' x 40'	400	9	100	8	40	50	7	38	59	60	8	50	7	57			
10' x 44'	440	9	110	9	44	55	8	42	65	66	9	55	8	63			
10' x 48'	480	10	120	10	48	64	8	46	71	72	10	60	8	69			

ROOM SIZE	AREA - SQ. FT.	2' x 2' Panels								2' x 4' Panels							
		12' WALL MOLDINGS	NUMBER OF PANELS		12' MAIN BEAMS		4' CROSS TEES		2' CROSS TEES		NUMBER OF PANELS	12' MAIN BEAMS		4' CROSS TEES			
12' x 12' to 20' x 24' Room Sizes																	
12' x 12'	144	4	36	2	15	18	2	15	18	18	2	15	2	15			
12' x 14'	168	5	42	3	15	23	3	18	21	21	3	17	3	18			
12' x 16'	192	5	48	3	20	24	3	21	24	24	3	20	3	21			
12' x 18'	216	5	54	4	20	29	3	24	27	27	4	22	3	24			
12' x 20'	240	6	60	4	25	30	4	27	30	30	4	25	4	27			
12' x 24'	288	6	72	5	30	36	4	33	36	36	5	30	4	33			
12' x 28'	336	7	84	6	35	42	5	39	42	42	6	35	5	39			
12' x 32'	384	8	96	7	40	48	6	45	48	48	7	40	6	45			
12' x 36'	432	8	108	8	45	54	6	51	54	54	8	45	6	51			
12' x 40'	480	9	120	9	50	60	7	57	60	60	9	50	7	57			
12' x 44'	528	10	132	10	55	66	8	63	66	66	10	55	8	63			
12' x 48'	576	10	144	11	60	72	8	69	72	72	11	60	8	69			
12' x 50'	600	11	150	12	60	77	9	72	75	75	12	62	9	72			
14' x 14'	196	5	56	4	18	27	4	18	27	28	4	24	4	24			
14' x 16'	224	5	63	4	18	28	4	21	31	32	4	28	4	28			
14' x 18'	252	6	70	5	24	34	5	24	35	36	5	31	5	32			
14' x 20'	280	6	77	5	24	35	5	27	39	40	5	35	5	36			
14' x 22'	308	6	84	6	30	41	6	31	43	44	6	38	6	40			
14' x 26'	364	7	98	7	36	48	7	37	51	52	7	45	7	48			
14' x 30'	420	8	112	9	42	55	8	43	59	60	9	52	8	56			
14' x 34'	476	8	126	10	48	62	9	49	67	68	10	59	9	64			
14' x 38'	532	9	140	11	54	69	10	55	75	76	11	66	10	72			
14' x 42'	588	10	154	12	60	76	11	61	83	84	12	74	11	80			
14' x 46'	644	10	168	13	66	83	12	67	91	92	13	81	12	88			
14' x 50'	700	11	182	14	72	90	13	73	99	100	14	88	13	96			
16' x 18'	288	6	72	6	28	39	5	36	40	40	6	31	5	32			
16' x 22'	352	7	88	7	35	47	6	44	48	48	7	38	6	40			
16' x 26'	416	7	104	8	42	55	7	52	56	56	8	45	7	48			
16' x 30'	480	8	120	10	49	63	8	60	64	64	10	52	8	56			
16' x 34'	544	9	136	11	56	71	9	68	72	72	11	59	9	64			
16' x 38'	608	9	152	12	63	79	10	76	80	80	12	66	10	72			
16' x 42'	672	10	168	14	70	87	11	84	88	84	14	74	11	80			
16' x 46'	736	11	184	15	77	95	12	92	96	92	15	81	12	88			
16' x 50'	800	11	200	16	84	103	13	100	104	100	16	88	13	96			
18' x 20'	360	7	90	6	32	45	7	36	49	50	6	45	7	45			
18' x 24'	432	7	108	8	40	54	8	44	59	60	8	54	8	55			
18' x 28'	504	8	126	9	48	63	10	52	69	70	9	63	10	65			
18' x 32'	576	9	144	11	56	72	11	60	79	80	11	72	11	75			
18' x 36'	648	9	162	12	64	81	12	68	89	90	12	81	12	85			
18' x 40'	720	10	180	14	72	90	14	76	99	100	14	90	14	95			
18' x 44'	792	11	198	15	80	99	15	84	109	110	15	99	15	105			
18' x 48'	864	11	216	17	88	108	16	92	119	120	17	108	16	115			
20' x 20'	400	7	100	7	45	50	7	45	50	50	7	45	7	45			
20' x 24'	480	8	120	9	54	60	8	55	60	60	9	54	8	55			

Answers to Frequently Asked Questions

What are Armstrong® ceilings made of?

Armstrong® mineral board ceilings are made of inert mineral components, binders and inert filler materials, with up to 55% recycled content. Armstrong Ceilings also offers durable laminate plank ceilings with 95% recycled content.

What about insulation value between floors?

Most ceilings are installed between floors that are maintained at the same temperature — making insulation unnecessary. Basement recreation rooms are at least partly heated by heat flow through the ceiling from the heated space above. In that case, attempting to insulate the basement ceiling surface could actually reduce heat flow.

Can I put insulation on the back of Armstrong ceilings?

Only Armstrong suspended ceiling panels (2' x 4') that are at least 5/8" thick can be backloaded with additional insulation. Rolled insulation must be used and installed perpendicular to the cross tees so that the weight of the insulation rests on the suspended grid system, and there is an air space between the insulation and the panel.

NOTE: Insulation must never be placed behind fire-rated ceilings, unless designated in a UL design assembly. Backloading fiberglass panels is not recommended.

Can Armstrong ceilings be painted?

All Armstrong ceiling tiles and panels (except fiberglass) can be painted with latex paints. The front and back of 2' x 2' and 2' x 4' panels should be painted.

Note: Armstrong Ceilings cannot guarantee that the published surface-burning characteristics, fire-resistance ratings, acoustical performance, dimensional stability/sag, or light reflectance will remain the same after repainting. Field painting will void the warranty.

Will painting acoustical ceilings affect acoustic efficiency?

Armstrong acoustical ceilings can be painted with a slight loss of acoustical efficiency using nonbridging paint which does not cover the holes.

Can ceiling tile be used in the bathroom?

Yes, if the bathroom is vented to the outside with a fan. Armstrong ceilings with extra sag/mold/mildew resistance for use in areas of high humidity are recommended.

Should ceiling materials adjust to room temperature before installation?

Yes. Unpack ceiling materials 24 hours before installation to adjust to normal room conditions. Do not install during excessively humid conditions. See specific product instructions for best results.

Can the ceiling be installed over embedded radiant-heat coil ceilings?

No. An appreciable loss of heating efficiency will result and the ceiling will not remain stable.

Can a hanging or swag lamp be used with an Armstrong ceiling?

Yes, if supported independently by an existing structural member.

Can a new ceiling be cemented directly over old ceiling tiles?

It's best to remove old tiles first. In many cases, the old ceiling may have deteriorated and an adequate hold cannot be obtained.

What is the minimum overhead distance required for a new suspended ceiling?

Armstrong suspended ceilings require a minimum of 3" (6" if installing recessed lighting) of overhead clearance.

Can existing light fixtures be used with a new ceiling?

Yes. Armstrong ceilings are adaptable to standard lighting fixtures.

Will the mineral ceiling sag over time?

No. Armstrong ceilings are treated with a special back coating to resist moisture. When properly installed under the right conditions (no excessive humidity, etc.), they remain level and flat. We recommend using sag/mold/mildew resistant panels or fiberglass panels in areas of high or seasonal humidity; they are not recommended for spaces exposed to continuous moisture, such as shower rooms and swimming pool areas.

Do Armstrong ceilings protect against the spread of fire?

All Armstrong panels, tiles and planks are fire-retardant and meet Class A flame-spread ratings, with the exception of WoodHaven® planks, which meet class C flame-spread ratings. All products meet residential building codes.

Have questions that we didn't answer?

Contact: armstrongceilings.com or Techline
1-877-ARMSTRONG (276-7876)