RETAIL CEILING GUIDE

Armstrong®

Your ideas become reality®

Table of Contents

Tools available on the web at www.armstrong.com

Ceiling Selector

Why use an Armstrong® Ceiling vs drywall?

- Accessibility to pipes, duct work and wiring
- Easier & cleaner installation
- Reduces noise
- Broad selection of visuals
- Easy to change visuals
- Less expensive to install
- Easy to repair and replace damaged or stained panels
- Mold & mildew resistant
- Easier to move light fixtures
- Recycled content

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.

Step One: Choose your ceiling style

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

- ❏ Traditional
- ❏ Smooth
- ❏ Basic/Commercial
- ❏ Wood Look
- ❏ Tin Look
- ❏ Modern

Step Two: Select your ceiling type

- ❏ TILES – Attractive 12" x 12", 16" x 16" or 24" x 48" tiles attach directly to your existing ceiling surface, minimizing loss of ceiling height.

  beveled tongue & groove

- ❏ PLANKS – Versatile Armstrong ceiling planks also fasten directly to your current ceiling, without the need for any type of grid systems, the planks are available in sizes 6" x 48" and 5" x 84".

  beveled tongue & groove

- ❏ PANELS – 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. Panels come in lay-in or tegular options.

  tegular edge

  square edge
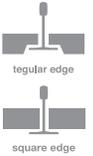
Suspended panels are also the way to go if you are installing recessed lighting. But, remember, you'll need a little more room – an additional 6" drop below your current ceiling.

Step Three: 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-retardance, many also have extra features that may be particularly important in your home. (Reference page 23 for specifics)

- ❏ MOLD, MILDEW and BACTERIA RESISTANT – Ceilings are specially treated to inhibit or retard the spread 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-RESISTANT – Ceilings are ideal for areas with high humidity, but not where subjected to standing water.
- ❏ LIGHT REFLECTANCE – Percent of light that strike 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.

Step Four: Select a color of finish if applicable

CUSTOM CREATIONS™ 1280 EASY ELEGANCE™ COFFER WHITE

Custom Creations™
BY ARMSTRONG

Armstrong®
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Easy Elegance™ Coffered Ceiling Panels

CustomCreations™
BY ARMSTRONG

There's no simpler, more beautiful, more affordable way to carry the dramatic look of a custom coffered ceiling to your interior design. A weekend project you can do yourself — utilizing your existing suspended ceiling or as part of a new suspended ceiling installation — Easy Elegance™ ceiling panels are moisture/mold/mildew resistant, maintenance free and available in black or white (yet can be painted to suit any room décor).

Easy Elegance. So simple to install. So beautiful to behold.

CUSTOM CREATIONS™ 1280BL EASY ELEGANCE™ COFFER BLACK

Drywall Permiter Border Solution
Drywall perimeter border recommended for a high-end finished look.

Hanger Wire
Ceiling Grid
Wall Molding
Ceiling Panel
"L" or "J" Bead by others
Gypsum Board
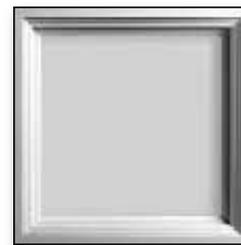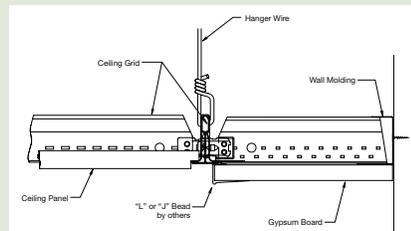
1280 EASY ELEGANCE™
DEEP COFFER WHITE

1280BL EASY ELEGANCE™
DEEP COFFER BLACK
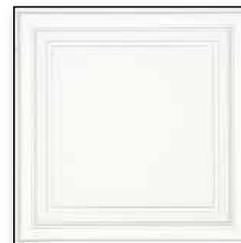
1282 EASY ELEGANCE™
SHALLOW BORDER PANEL WHITE

1282BL EASY ELEGANCE™
SHALLOW BORDER PANEL BLACK

Easy Elegance™ Features

- Sophisticated, coffer look at a fraction of the cost
- Paintable to match any décor; also available in black
- Mold, mildew, bacteria and sag resistant
- Ideal for decorating any living space
- Installs in 24" x 24" grid system
- Drywall perimeter border recommended for a high-end finished look
- Class A, for residential use only
- Available in Deep (2.5") or Shallow (0.7")

tegular edge

INSTALLS IN GRID

Lifetime Limited Manufacturer Warranty

StyleStix™ Suspended Ceiling Grid Moldings

StyleStix™ empowers you to revitalize and beautify your suspended ceiling with richly-detailed architectural molding. Snapping over your aging, discolored, drop-ceiling grid, maintenance-free StyleStix transforms and enhances your room's aesthetic appeal with unequalled simplicity.

StyleStix. A high-class 24" x 24" ceiling module at a down-to-earth price.

1310 STYLESTIX™ 6' GRID COVER
1312 STYLESTIX™ 2' GRID COVER

grid

push
straight up

grid
cover

grid

wall molding
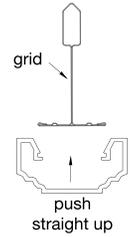
molding cover

1311 STYLESTIX™ 6' WALL MOLDING COVER
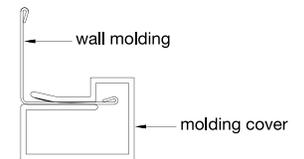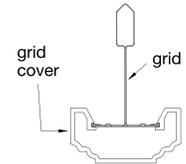
StyleStix™ Features

- Stylishly detailed moldings that cover industrial looking and aged ceiling grid
- Paintable to match any décor
- Mold, mildew and bacteria resistant
- Easy snap-on installation creates a coffered look at a fraction of the cost
- A complete ceiling makeover requires all three components

square edge

INSTALLS IN
GRID

Lifetime
Limited
Manufacturer
Warranty

1310, 1311, 1312 STYLESTIX™ WITH SAHARA™ 273

Custom Creations™
BY ARMSTRONG

before

WOODHAVEN® 1264 RUSTIC PINE

woodhaven®
CEILING PLANKS

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5

WoodHaven® Ceilings

Add the warmth and beauty of natural-looking wood to your home by using WoodHaven® ceiling planks to make it more than a room. 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. Make your dreams a reality with the affordable beauty of WoodHaven ceiling planks.

WOODHAVEN® 1272 CHERRY SPICE

WOODHAVEN® 1148 PAINTED WHITE

WoodHaven® on Walls

Consider the expanded range of decorating options with WoodHaven® used 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 makes creating a total room design solution easy and affordable.

WOODHAVEN® 1149 BEADBOARD

WoodHaven® Features

• Tongue-and-groove product
• Prefinished, durable surface
• Maintenance-free
• Natural wood-grain look
• Easy installation – clips included in every package
• 1148 & 1149 can be used for wainscoting and are paintable
• Ideal for kitchens, bathrooms and other living spaces
• See page 29 for installation details

woodhaven®
CEILING PLANKS

beveled tongue & groove

INSTALLS DIRECT TO CEILING

10 Year Limited Manufacturer Warranty

95% Recycled Content

woodhaven®
CEILING PLANKS

5" x 84" Planks – WoodHaven® Finishes

WOODHAVEN® 1273 WEATHERED

1149 BEADBOARD

1140 CLASSIC WHITE

1148 PAINTED WHITE

1260 KNOTTY PINE

1271 BAMBOO
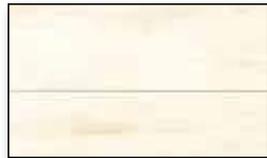
1265 WHITE WASH

1267 LIGHT ASH

1261 NATURAL MAPLE

1269 CLEAR MAPLE

1273 WEATHERED
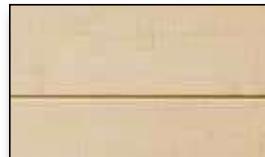
1262 CLASSIC MAPLE

1263 NEW APPLE
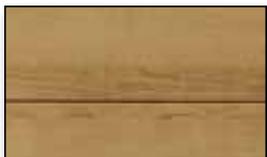
1268 NATURAL CHERRY

1264 RUSTIC PINE
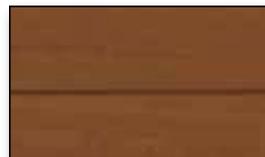
1272 CHERRY SPICE

1266 WALNUT

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METALLAIRE™ 5424234NLS – CEILING
METALLAIRE™ 5400234BNA MEDALLION – BACKSPLASH

Metallaire™
DECORATIVE CEILINGS

Armstrong®
Your ideas become reality®
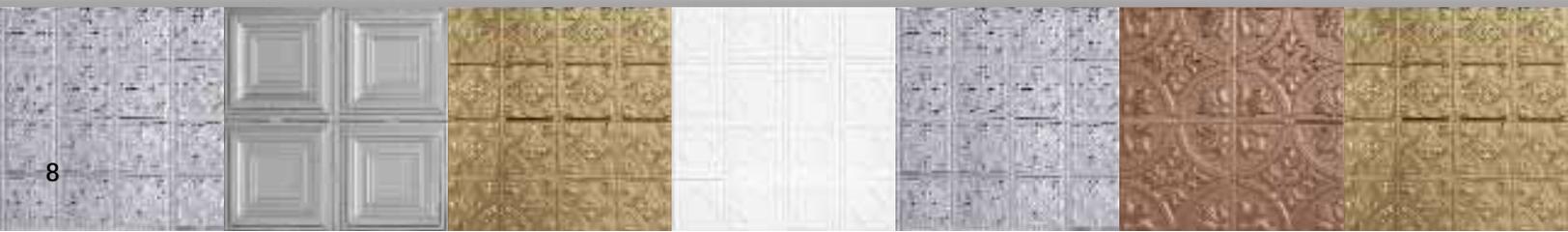
Metallaire™

Intricate details from the late 19th Century original metal ceilings have been created in our historic collection. Twelve traditional patterns capture the craftsmanship found in mansions and fine residences of the Gilded Age. Whether building a new space or renovating an existing space, an Armstrong Metallaire™ ceiling will be the crowning touch. The final detail that makes your room uniquely memorable.

Metallaire™ Ceiling Finishes
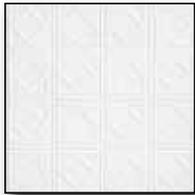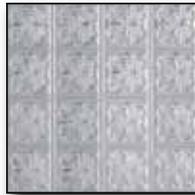
WH - White	AM - Chrome	LS - Lacquered Steel	AR - Brass	CP - Copper

METALLAIRE™ 5424503NCP WREATH

Metallaire™ Ceiling Features

- Beautiful 19th Century historical patterns
- Real metal – won't rust
- Available in 5 finishes, 12 patterns, and in a 24" x 24" lay-in panel and a 24" x 48" direct apply panel
- Also ideal for wall applications – backsplash panels available in stainless steel
- Everything you need is available; coordinating grid kits, cornices, cone head nails and border panels

INSTALLS DIRECT TO CEILING

INSTALLS IN GRID

Lifetime Limited Manufacturer Warranty

54% Recycled Content

Armstrong®

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Metallaire™ Ceiling Styles
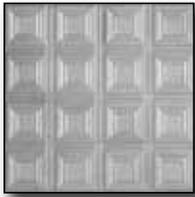
Small Panels
24" x 48" Nail-up 5424204N
24" x 24" Lay-in 5422204L
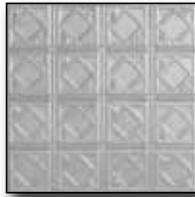
Fans
24" x 48" Nail-up 5424207N
24" x 24" Lay-in 5422207L
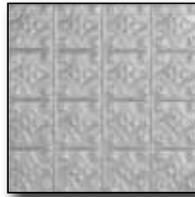
Small Floral Circle
24" x 48" Nail-up 5424209N
24" x 24" Lay-in 5422209L

Medium Panels
24" x 48" Nail-up 5424320N
24" x 24" Lay-in 5422320L
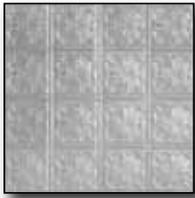
Vine
24" x 48" Nail-up 5424210N
24" x 24" Lay-in 5422210L
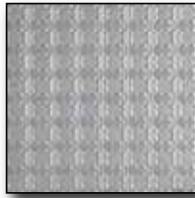
Medallion
24" x 48" Nail-up 5424234N
24" x 24" Lay-in 5422234L
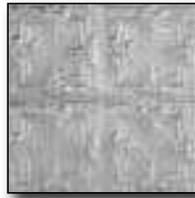
Hammered Trefoil
24" x 48" Nail-up 5424321N
24" x 24" Lay-in 5422321L

Wreath
24" x 48" Nail-up 5424503N
24" x 24" Lay-in 5422503L

Hammered Border
24" x 48" Nail-up 5424509N
24" x 24" Lay-in 5422509L

Large Panel
24" x 48" Nail-up 5424505N
24" x 24" Lay-in 5422505L
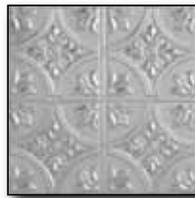
Large Floral Circle
24" x 48" Nail-up 5424309N
24" x 24" Lay-in 5422309L

Bead
24" x 48" Nail-up 5424504N
24" x 24" Lay-in 5422504L

METALLAIRE™ LARGE PANEL 542250LAM

24" x 48" Nail-up

24" x 24" Lay-in

Metallaire™
DECORATIVE CEILINGS

Metallaire™ Accessories

Cone Head Nails
Cone head nails are available in coordinating finishes to install a 2' x 4' direct nail up ceiling system. Each carton of nails installs 200 square feet of ceiling panels.
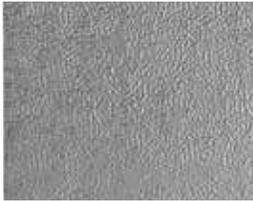
Filler Panel 5422235L (24" x 24" Lay-in) and 5424235N (24" x 48" Nail-up)
Filler panels are available in matching finishes. Filler panels are used around the edge of the room when less than full panels are needed.

Metallaire™ Grid Kits
Grid kits are available for 2' x 2' lay-in suspended installation. Colors available to coordinate with all Metallaire finishes. Grid kits cover 64 square feet per carton.

Metallaire™ Cornices
A cornice is the finishing detail that can complement and accentuate the exquisite detail of your Metallaire ceiling. Cornices are available in all 5 finishes (see page 9), 6 patterns and are 48" in length.

| Girder Nosing 5400800 | 2 1/2" Height | Small Egg & Dart 5400810 | 2 5/8" Height |

Large Egg & Dart 5400802 — 4 1/3" Height

Torch 5400705 — 6 3/4" Height

Floral 5400707 — 9" Height
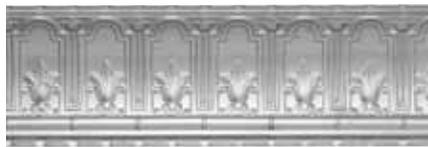
Trefoil 5400807 — 13 1/4" Height

METALLAIRE™ HAMMERED BORDER 5424509NWH

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Metallaire™ Backsplash or Wall

Metallaire™ can also be creatively integrated into a variety of decorating schemes. It is not only beautiful in detail and form, but functional as well when used as a backsplash or on an entire wall. Backsplash available in 18-1/2" x 48-1/2" stainless steel finish only in five styles. Stainless steel is the best finish for a backsplash. However, standard 24" x 48" panels can also be used in chrome, copper, brass, lacquered steel and white. The lacquered steel panels can be painted and customized to your decór.

METALLAIRE™ SMALL FLORAL CIRCLE 5400209BNA

Metallaire™ Backsplash Styles
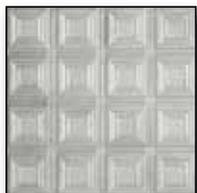
Small Panels
5400204BNA
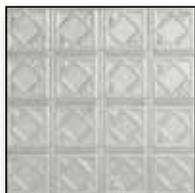
Fans
5400207BNA
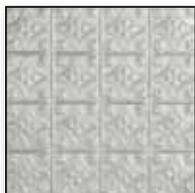
Small Floral Circle
5400209BNA
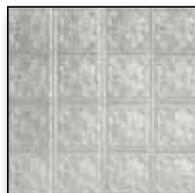
Vine
5400210BNA
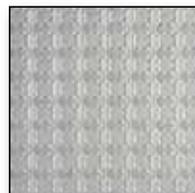
Medallion
5400234BNA

METALLAIRE™ 5400204BNA SMALL PANELS

Metallaire™ Backsplash Features

• Beautiful 19th Century historical patterns
• Real metal
• Available in 5 stainless steel patterns
• Direct apply panel with adhesive
• Also ideal for wall applications

INSTALLS **DIRECT** TO CEILING

Lifetime Limited Manufacturer Warranty

54% Recycled Content

Metallaire™
DECORATIVE CEILINGS

TIN LOOK™ 1240 TINTILE™ (FIELD PAINTED)

Tin Look™
PAINTABLE CEILINGS

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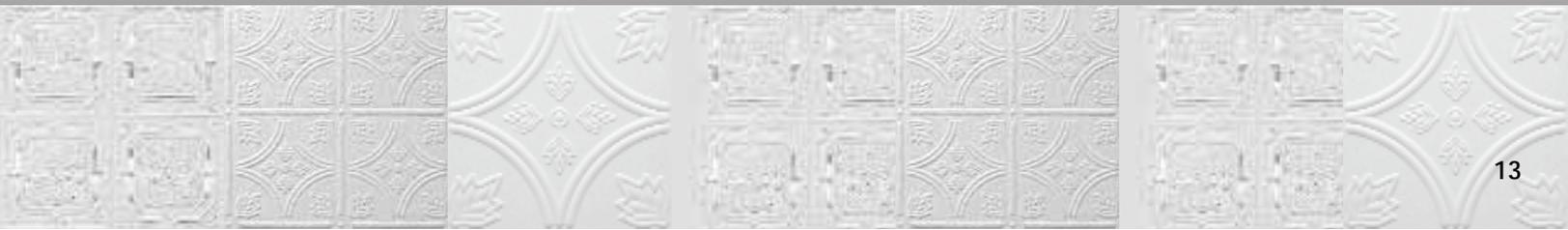
Tin Look™

Capture the exquisite beauty you've been dreaming of with Tin Look™ paintable, easy to install, decorative ceiling tiles. Tin Look offers several intricate styles to choose from, so you can add the perfect finishing touch to any ceiling.

12" x 12" Tiles
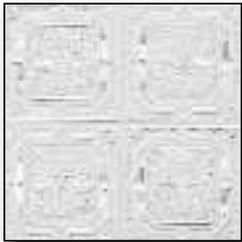
46 WELLINGTON™
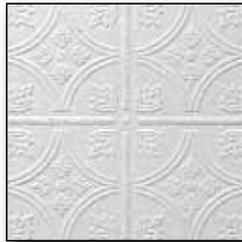
1240 TINTILE™

1244 CIRCLES

TIN LOOK™ 46 WELLINGTON™ (FIELD PAINTED)

Tin Look™ Features

- Tin ceiling designs
- Durable, vinyl-coated surface
- Paintable to match any décor
- Great for covering damaged drywall and plaster, or popcorn ceilings
- Easy to install directly to your ceiling with wood furring strips or adhesive

square
tongue & groove

INSTALLS
DIRECT
TO CEILING

10 Year
Limited
Manufacturer
Warranty

40%
Recycled Content

TIN LOOK™ 1240 TINTILE™ SILVER (FIELD PAINTED)

Tin Look™
PAINTABLE CEILINGS

1201 RAISED PANEL™

Home Style Ceilings

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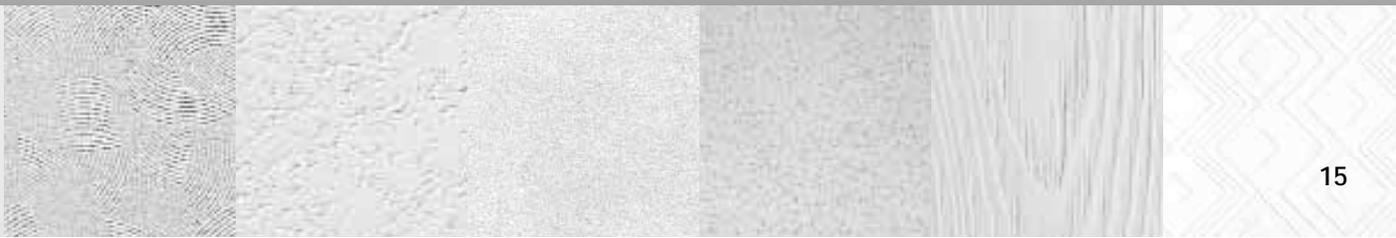
HomeStyle® Ceilings

For a minimal investment in dollars and time, you can totally transform any space with an Armstrong ceiling. Don't settle for a boring white ceiling! In just one weekend, our DIY-friendly ceiling tiles and plank can bring life to the "fifth wall" of any room. Apply them directly to the ceiling, staple to wood furring strips or direct apply with adhesive.

480 COUNTRY CLASSIC™ PLANK

HomeStyle® Ceiling Plank

Your ceiling can define any room. The visual of our 6" X 48" HomeStyle® Country Classic Ceiling Plank provides a country rustic look as a cost-effective alternative to WoodHaven® Ceiling 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

HomeStyle® Plank Features
- Real wood-grain appearance
- Paintable or stainable
- Great for kitchens and baths
- Easy to install directly to your ceiling with wood furring strips or adhesive

beveled tongue & groove

INSTALLS **DIRECT** TO CEILING

10 Year Limited Manufacturer Warranty

Recycled Content

Home*Style*® CEILINGS

HomeStyle® Ceiling Tiles

HomeStyle Ceilings

Adding ceiling tiles to any room can completely enhance the décor. Our ceiling tiles are fast and easy to install. Install them directly to your ceiling with wood furring strips or adhesive. They provide a great cover up for damaged drywall and plaster or popcorn ceilings.

16" x 16" Tile

NEW

1693 SAHARA

12" x 12" Tiles

231 WASHABLE WHITE

250 PINEHURST™

258 GRENOBLE™

HomeStyle® Tile Features
- Paintable
- 16" x 16" tiles install 50% faster than 12" x 12" tiles and visually expand your room
- Easy to install directly to your ceiling with wood furring strips or adhesive
- Great for covering damaged drywall and plaster or popcorn ceilings
- Recycled content up to 33%; refer to page 23 for item specifics

1693 SAHARA

Armstrong®
Your ideas become reality®

beveled tongue & groove

INSTALLS
DIRECT
TO CEILING

10 Year
Limited
Manufacturer
Warranty

Recycled Content

HomeStyle® High Performance Ceiling Panels

HomeStyle® Ceiling panels for suspended ceilings come in a variety of 2' x 2' styles. Armstrong® Ceiling High Performance Panels provide a sense of beauty to any room in the home, plus the added sag, mold, mildew and bacteria resistance.

2' x 2' High Performance Panels
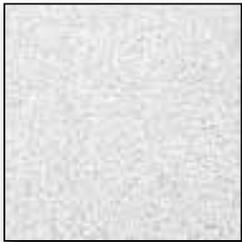
241 (303) SUPERTUFF™ TEGULAR
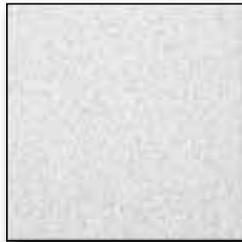
269 (1752) SAND PEBBLE™ TEGULAR

271 (1774) SAHARA™ TEGULAR

932 (1732) FINE FISSURED™ TEGULAR

1728BL FINE FISSURED™ BLACK SQUARE EDGE

928 (1728) FINE FISSURED™ SQUARE EDGE
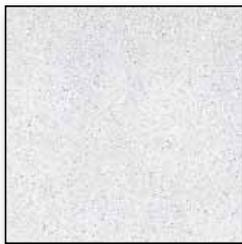
273 (1772) SAHARA™ SQUARE EDGE

HomeStyle® High Performance Panel Features

- Variety of decorative styles to match any décor
- Sag resistant
- Ideal for basements
- Mold, mildew and bacteria resistant
- Non-directional patterns install faster and reduce scrap
- Paintable
- Easy installation system provides access to pipes, ducts and wiring
- #241 is impact resistant; ideal for rec rooms
- Acoustical; all absorb >50% of noise
- Recycled content up to 40%; refer to page 23 for item specifics

tegular edge   square edge   INSTALLS IN GRID   10/30 Year Limited Manufacturer Warranty   Recycled Content

1728BL FINE FISSURED™ BLACK

HomeStyle® Ceilings

2' x 2' Decorative Panels

HOME *Style* CEILINGS

266 BRIGHTON™
TEGULAR
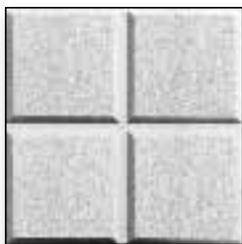
1270 CASCADE™
TEGULAR

1201 RAISED PANEL™
FLUSH TEGULAR
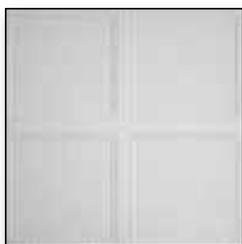
1202 SCALLOPED
FLUSH TEGULAR
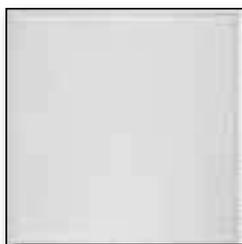
1203 FLUTED
FLUSH TEGULAR
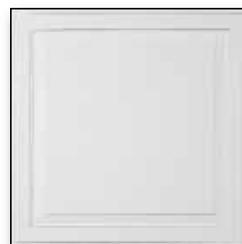
1205 SINGLE RAISED PANEL
FLUSH TEGULAR

1206 TANGO
FLUSH TEGULAR

HomeStyle® Decorative Panel Features

- Variety of decorative styles to match any décor
- Mold and mildew resistant
- Grid blending design masks the industrial look of metal grid (#1201, #1202, #1205, #1270)
- Non-directional patterns install faster
- Paintable
- Contains recycled materials
- Easy installation system provides access to pipes, ducts and wiring
- Recycled content up to 52%; refer to page 23 for item specifics

flush tegular   square edge   INSTALLS IN GRID   **10 Year** Limited Manufacturer Warranty   Recycled Content

(#266 and #1270 1 year, all above remaining products 10 year warranty.)

1205 SINGLE RAISED PANEL

Armstrong®

Your ideas become reality®

2' x 4' Panels
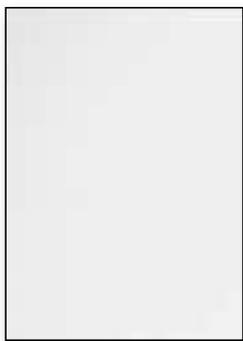
280 PLAIN WHITE

297 GRENOBLE™

922 (1729) FINE FISSURED™
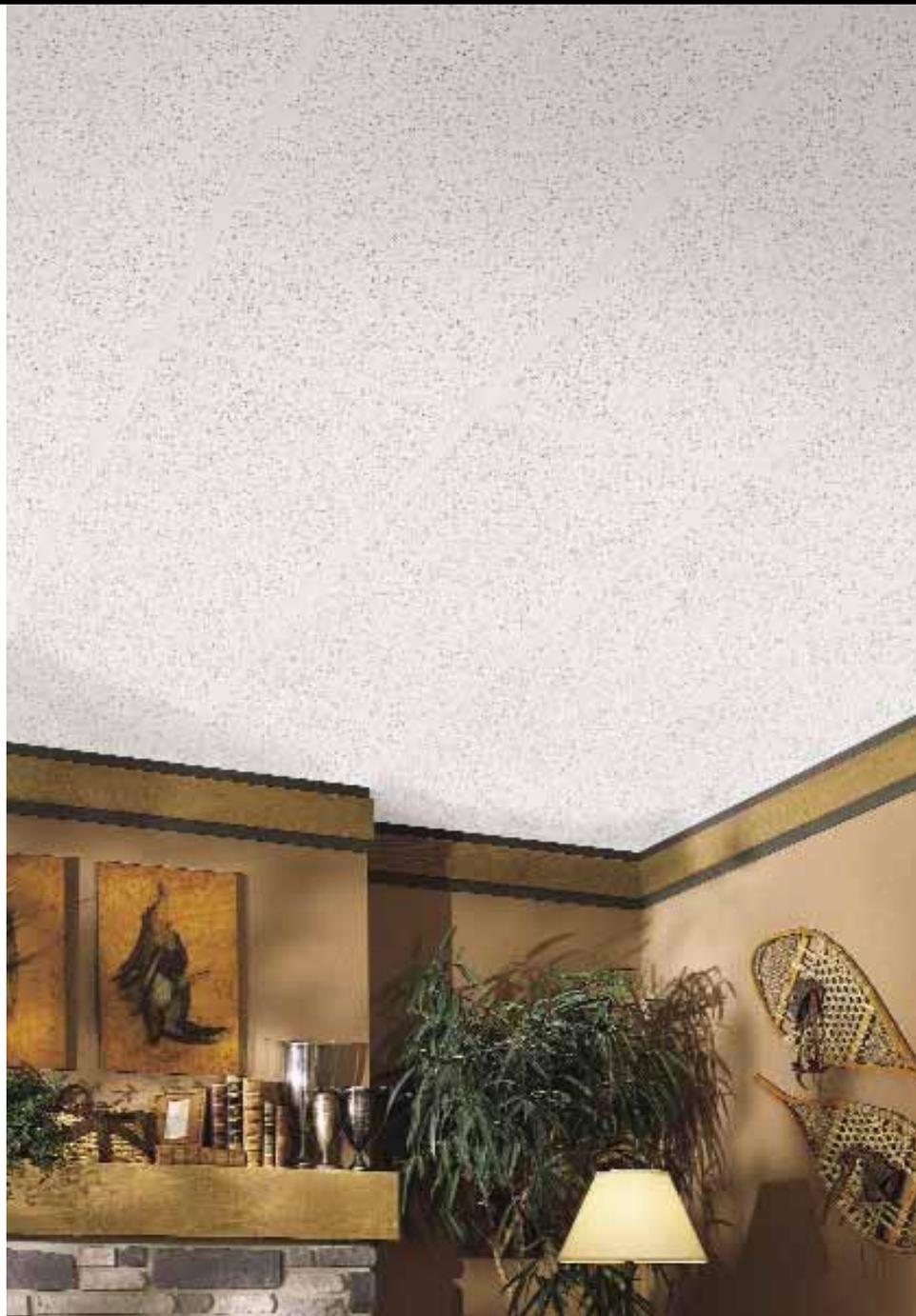
922 (1729) FINE FISSURED™

HomeStyle® Panel Features

- Non-directional patterns install faster
- Paintable
- Easy installation system provides access to pipes, ducts and wiring
- #922 is economical and high performance (sag, mold and mildew resistant)
- Ideal for basements
- Recycled content up to 40%; refer to page 23 for item specifics

HomeStyle® Ceilings

square edge

INSTALLS IN GRID

1 Year Limited Manufacturer Warranty

Recycled Content

(#922 has 10 year warranty. All above remaining products have a 1 year warranty.)

Contractor High Performance Series™

Armstrong's® affordable Contractor Series™ offers the performance you need to add more value to your standard and custom projects with less effort. Ideal for commercial applications such as offices, schools and healthcare. Available in a large selection of high-performance mineral fiber and fiberglass ceilings from Armstrong. No nailing or finishing required. Make an Armstrong Contractor Series ceiling part of your next project.

2' x 2' Panels
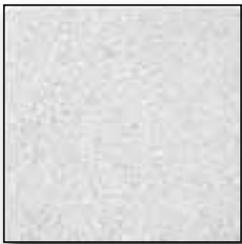
954 (584)
CLASSIC FINE TEXTURED
TEGULAR

2' x 4' Panels

403 ESPRIT® FIBERGLASS
SQUARE EDGE
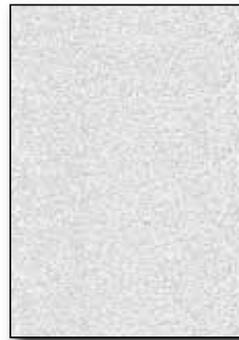
410 SONOFLEX RANDOM
FISSURED™ FIBERGLASS
SQUARE EDGE

416 SONOFLEX ETCHED
FIBERGLASS
SQUARE EDGE

954 (584) CLASSIC FINE TEXTURED

Contractor Series
High Performance Features

- Great for new, replacement and matching commercial applications
- Acoustical; reduce noise >50% (#954 up to 70%)
- Sag, mold, mildew and bacteria resistant
- Ideal for basements
- Non-directional image reduces labor and scrap (#954)
- Easy installation system provides access to pipes, ducts and wiring
- Fiberglass panel options offer a lightweight, easy to handle and install alternative to traditional ceiling options
- Recycled content up to 82%; refer to page 23 for item specifics

square edge   tegular edge   INSTALLS IN GRID   10/30 Year Limited Manufacturer Warranty   Recycled Content

Armstrong®

Your ideas become reality®

2' x 2' Panels

**934 (704) RANDOM TEXTURED TEGULAR**

935 (770) RANDOM TEXTURED SQUARE EDGE
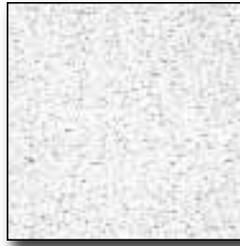

**949 (756) TEXTURED SQUARE EDGE**

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

942 (755) TEXTURED

Contractor Series 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-rated grid to achieve fire resistant UL ratings
- Recycled content up to 40%; refer to page 23 for item specifics

tegular edge   square edge   INSTALLS IN GRID   1 Year Limited Manufacturer Warranty   Recycled Content

Contractor Series™

Performance Guide by Item

Retail Item #	Retail Item Name	Size		Edge Detail	Fire Performance Class	Mold Mildew Bacteria Resistance	Sag Resistance	NRC	CAC	LR	Recycled Material Content
46	Wellington™	12"x12"	1/2"	Square	A	-	-	-	30	0.76	40%
231	Washable White	12"x12"	1/2"	Bevel Tongue & Groove	A	-	-	-	30	0.80	24%
241	SuperTuff™	2'x2'	5/8"	Tegular	A	x	x	0.50	33	0.87	33%
250	Pinehurst™	12"x12"	1/2"	Bevel Tongue & Groove	A	-	-	-	30	0.80	24%
258	Grenoble™	12"x12"	1/2"	Bevel Tongue & Groove	A	-	-	-	30	0.80	24%
266	Brighton™	2'x2'	1/2"	Tegular	A	x	-	0.45	30	0.86	25%
269	Sand Pebble™	2'x2'	5/8"	Tegular	A	x	x	0.55	30	0.80	41%
271	Sahara™	2'x2'	5/8"	Tegular	A	x	x	0.50	35	0.83	41%
273	Sahara™	2'x2'	5/8"	Square	A	x	x	0.50	35	0.83	41%
280	Plain White	2'x4'	1/2"	Square	A	-	-	-	30	0.80	24%
297	Grenoble™	2'x4'	1/2"	Square	A	-	-	-	30	0.80	24%
403	Esprit®	2'x4'	5/8"	Square	A	x	x	0.55	N/A	0.72	82%
410	Sonoflex Random Fissured™	2'x4'	5/8"	Square	A	x	x	0.55	N/A	0.72	82%
416	Sonoflex Etched	2'x4'	5/8"	Square	A	x	x	0.55	N/A	0.72	82%
480	Country Classic™ Plank	6"x48"	1/2"	Bevel Tongue & Groove	A	-	-	-	30	0.80	22%
915	Textured Fire Guard™*	2'x4'	5/8"	Square	A	-	-	0.55	35	0.81	38%
922	Fine Fissured™	2'x4'	5/8"	Square	A	x	x	0.55	35	0.85	40%
928	Fine Fissured™	2'x2'	5/8"	Square	A	x	x	0.55	33	0.85	40%
932	Fine Fissuredv	2'x2'	5/8"	Tegular	A	x	x	0.55	35	0.85	40%
933	Random Textured	2'x4'	5/8"	Square	A	-	-	0.55	35	0.82	30%
934	Random Textured	2'x2'	5/8"	Tegular	A	-	-	0.55	33	0.82	30%
935	Random Textured	2'x2'	5/8"	Square	A	-	-	0.55	33	0.82	30%
942	Textured	2'x4'	5/8"	Square	A	-	-	0.55	35	0.80	30%
949	Textured	2'x2'	5/8"	Square	A	-	-	0.55	33	0.81	30%
954	Classic Fine Textured	2'x2'	3/4"	Tegular	A	x	x	0.70	35	0.86	67%
1140	WoodHaven® Classic White	5"x84"	3/8"	Tongue & Groove	C	-	-	-	N/A	N/A	95%
1148	WoodHaven® Painted White	5"x84"	3/8"	Tongue & Groove	C	-	-	-	N/A	N/A	95%
1149	WoodHaven® Beadboard	5"x84"	3/8"	Tongue & Groove	C	-	-	-	N/A	N/A	95%
1201	Raised Panel™	2'x2'	5/8"	Flush Tegular	A	x	-	-	30	0.80	52%
1202	Scalloped	2'x2'	5/8"	Flush Tegular	A	x	-	-	30	0.80	52%
1203	Fluted	2'x2'	5/8"	Square	A	x	-	-	30	0.80	52%
1205	Raised Panel	2'x2'	5/8"	Flush Tegular	A	x	-	-	30	0.80	52%
1206	Tango	2'x2'	5/8"	Square	A	x	-	-	30	0.80	52%
1240	TinTile™	12"x12"	1/2"	Square Tongue & Groove	A	-	-	-	30	0.80	40%
1244	Circles	12"x12"	1/2"	Square Tongue & Groove	A	-	-	-	30	0.80	40%
1260	WoodHaven® Knotty Pine	5"x84"	3/8"	Tongue & Groove	C	-	-	-	N/A	N/A	95%
1261	WoodHaven® Natural Maple	5"x84"	3/8"	Tongue & Groove	C	-	-	-	N/A	N/A	95%
1262	WoodHaven® Classic Maple	5"x84"	3/8"	Tongue & Groove	C	-	-	-	N/A	N/A	95%
1263	WoodHaven® New Apple	5"x84"	3/8"	Tongue & Groove	C	-	-	-	N/A	N/A	95%
1264	WoodHaven® Rustic Pine	5"x84"	3/8"	Tongue & Groove	C	-	-	-	N/A	N/A	95%
1265	WoodHaven® White Wash	5"x84"	3/8"	Tongue & Groove	C	-	-	-	N/A	N/A	95%
1266	WoodHaven® Walnut	5"x84"	3/8"	Tongue & Groove	C	-	-	-	N/A	N/A	95%
1267	WoodHaven® Light Ash	5"x84"	3/8"	Tongue & Groove	C	-	-	-	N/A	N/A	95%
1268	WoodHaven® Natural Cherry	5"x84"	3/8"	Tongue & Groove	C	-	-	-	N/A	N/A	95%
1269	WoodHaven® Clear Maple	5"x84"	3/8"	Tongue & Groove	C	-	-	-	N/A	N/A	95%
1270	Cascade™	2'x2'	3/4"	Tegular	A	x	-	-	30	0.80	25%
1271	WoodHaven® Bamboo	5"x84"	3/8"	Tongue & Groove	C	-	-	-	N/A	N/A	95%
1272	WoodHaven® Cherry Spice	5"x84"	3/8"	Tongue & Groove	C	-	-	-	N/A	N/A	95%
1273	WoodHaven® Weathered	5"x84"	3/8"	Tongue & Groove	C	-	-	-	N/A	N/A	95%
1280	Easy Elegance™ Coffer – White	2'x2'	2 ½"	Tegular	A	x	x	-	N/A	0.85	N/A
1280BL	Easy Elegance™ Coffer – Black	2'x2'	2 ½"	Tegular	A	x	x	-	N/A	0.85	N/A
1282	Easy Elegance™ Coffer – White	2'x2'	1"	Tegular	A	x	x	-	N/A	0.85	N/A
1282BL	Easy Elegance™ Coffer – Black	2'x2'	1"	Tegular	A	x	x	-	N/A	0.85	N/A
1693	Sahara™	16"x16"	1/2"	Bevel Tongue & Groove	A	x	-	-	30	0.80	33%
1728BL	Fine Fissured™ – Black	2'x2'	5/8"	Square	A	x	x	0.55	33	0.06	40%
9767	Scored	2'x4'	3/4"	Tegular	A	-	-	0.55	35	0.82	29%
Various	Metallaire™	various		Square	A	x	x	-	N/A	N/A	54%

Retail Item #	Retail Item Name	Size		Edge Detail	Fire Performance Class	Mold Mildew Bacteria Resistance	Sag Resistance	Mini Ctns/ Master Ctn	Pcs/ Mini Ctn	Pcs/ Master Ctn	LF/Mini Ctn
1310	StyleStix™ 6' Grid Cover	6'		Stepped Detail	A	x	H	8	6	48	36
1311	StyleStix™ 6' Wall Molding Cover	6'		N/A	A	x	H	8	5	40	30
1312	StyleStix™ 2' Grid Cover	2'		Stepped Detail	A	x	H	8	12	96	24

*Fire Guard:™ a fire resistive ceiling when used in applicable UL assemblies
NOTE: Noise reduction coefficient (NRC), ceiling attenuation class (CAC), light reflectance (LR) and flame spread
ratings are expressed according to ASTM E 1264 requirements.

Packaging Guide by Item

Retail Item #	Retail Item Name	Size		Edge Detail	SF Per Ctn	Pcs/Ctn	Lbs/Ctn	Ctns Per Pallet	Layers Per Pallet	Warranty
46	Wellington™	12"x12"	1/2"	Square	40	40	35	48	8	10-year
231	Washable White	12"x12"	1/2"	Square	40	40	28	48	8	10-year
241	SuperTuff™	2'x2'	5/8"	Tegular	48	12	52	40	10	10/30-year
250	Pinehurst™	12"x12"	1/2"	Bevel Tongue & Groove	40	40	28	48	8	10-year
258	Grenoble™	12"x12"	1/2"	Bevel Tongue & Groove	40	40	28	48	8	10-year
266	Brighton™	2'x2'	1/2"	Tegular	64	16	43	44	11	1-year
269	Sand Pebble™	2'x2'	5/8"	Tegular	64	16	43	36	9	10/30-year
271	Sahara™	2'x2'	5/8"	Tegular	64	16	51	32	9	10/30-year
273	Sahara™	2'x2'	5/8"	Square	64	16	51	32	9	10/30-year
280	Plain White	2'x4'	1/2"	Square	64	8	44	44	22	1-year
297	Grenoble™	2'x4'	1/2"	Square	64	8	44	44	22	1-year
403	Esprit®	2'x4'	5/8"	Square	128	16	22	18	18	10/30-year
410	Sonoflex Random Fissured™	2'x4'	5/8"	Square	128	16	22	18	13	10/30-year
416	Sonoflex Etched	2'x4'	5/8"	Square	128	16	22	18	9	10/30-year
480	Country Classic™ Plank	6"x48"	1/2"	Bevel Tongue & Groove	40	20	33	48	16	10-year
915	Textured Fire Guard™	2'x4'	5/8"	Square	64	8	71	36	18	1-year
922	Fine Fissured™	2'x4'	5/8"	Square	64	8	50	36	14	10/30-year
928	Fine Fissured™	2'x2'	5/8"	Square	64	16	45	36	9	10/30-year
932	Fine Fissured™	2'x2'	5/8"	Tegular	64	16	45	36	9	10/30-year
933	Random Textured	2'x4'	5/8"	Square	80	10	53	30	15	1-year
934	Random Textured	2'x2'	5/8"	Tegular	64	16	50	36	9	1-year
935	Random Textured	2'x2'	5/8"	Square	64	16	41	36	9	1-year
942	Textured	2'x4'	5/8"	Square	80	10	53	30	15	1-year
949	Textured	2'x2'	5/8"	Square	64	16	46	36	9	1-year
954	Classic Fine Textured	2'x2'	3/4"	Tegular	48	12	48	36	9	10/30-year
1140	WoodHaven® Classic White	5"x84"	3/8"	Tongue & Groove	29	10	47	48	6	10-year
1148	WoodHaven® Painted White	5"x84"	3/8"	Tongue & Groove	29	10	47	48	6	10-year
1149	WoodHaven® Beadboard	5"x84"	3/8"	Tongue & Groove	29	10	47	48	6	10-year
1201	Raised Panel™	2'x2'	5/8"	Flush Tegular	24	6	22	36	9	10-year
1202	Scalloped	2'x2'	5/8"	Flush Tegular	24	6	22	36	9	10-year
1203	Fluted	2'x2'	5/8"	Square	24	6	22	36	9	10-year
1205	Raised Panel™	2'x2'	5/8"	Flush Tegular	24	6	22	36	9	10-year
1206	Tango	2'x2'	5/8"	Square	24	6	22	36	9	10-year
1240	TinTile™	12"x12"	1/2"	Square Tongue & Groove	40	40	35	48	8	10-year
1244	Circles	12"x12"	1/2"	Square Tongue & Groove	40	40	35	48	8	10-year
1260	WoodHaven® Knotty Pine	5"x84"	3/8"	Tongue & Groove	29	10	46	48	6	10-year
1261	WoodHaven® Natural Maple	5"x84"	3/8"	Tongue & Groove	29	10	46	48	6	10-year
1262	WoodHaven® Classic Maple	5"x84"	3/8"	Tongue & Groove	29	10	47	48	6	10-year
1263	WoodHaven® New Apple	5"x84"	3/8"	Tongue & Groove	29	10	47	48	6	10-year
1264	WoodHaven® Rustic Pine	5"x84"	3/8"	Tongue & Groove	29	10	47	48	6	10-year
1265	WoodHaven® White Wash	5"x84"	3/8"	Tongue & Groove	29	10	47	48	6	10-year
1266	WoodHaven® Walnut	5"x84"	3/8"	Tongue & Groove	29	10	47	48	6	10-year
1267	WoodHaven® Light Ash	5"x84"	3/8"	Tongue & Groove	29	10	47	48	6	10-year
1268	WoodHaven® Natural Cherry	5"x84"	3/8"	Tongue & Groove	29	10	47	48	6	10-year
1269	WoodHaven® Clear Maple	5"x84"	3/8"	Tongue & Groove	29	10	47	48	6	10-year
1270	Cascade™	2'x2'	3/4"	Tegular	48	12	37	40	10	1-year
1271	WoodHaven® Bamboo	5"x84"	3/8"	Tongue & Groove	29	10	47	48	6	10-year
1272	WoodHaven® Cherry Spice	5"x84"	3/8"	Tongue & Groove	29	10	47	48	6	10-year
1273	WoodHaven® Weathered	5"x84"	3/8"	Tongue & Groove	29	10	47	48	6	10-year
1280	Easy Elegance™ Coffer – White	2'x2'	2 ½"	Tegular	80	20	22	24	3	Lifetime
1280BL	Easy Elegance™ Coffer – Black	2'x2'	2 ½"	Tegular	80	20	22	24	3	Lifetime
1282	Easy Elegance™ Coffer – White	2'x2'	1"	Tegular	192	48	45	24	3	Lifetime
1282BL	Easy Elegance™ Coffer – Black	2'x2'	1"	Tegular	192	48	45	24	3	Lifetime
1693	Sahara™	16"x16"	1/2"	Bevel Tongue & Groove	36	20	35	24	4	10-year
1728BL	Fine Fissured™ – BLACK	2'x2'	5/8"	Square	64	16	52	36	9	10/30-year
9767	Scored	2'x4'	3/4"	Tegular	80	10	58	24	12	1-year
Various	Metallaire™	various		Square	V	V	V	V	V	Lifetime

Retail Item #	Retail Item Name	Size		Edge Detail	LF/ Master Ctn	Lbs/ Master Ctn	Master Ctn/ Pallet			Warranty
1310	StyleStix™ 6' Grid Cover	6'		Stepped Detail	288	45	21			Lifetime
1311	StyleStix™ 6' Wall Molding Cover	6'		N/A	240	37	20			Lifetime
1312	StyleStix™ 2' Grid Cover	2'		Stepped Detail	192	30	21			Lifetime

Suspended Ceiling Installation Systems

Makes it easy to install any Armstrong® Ceiling Systems

Prelude® Ceiling Suspension System
Preferred choice of the professional installer

- Heavy-duty performance (7301); intermediate-duty performance (7300)
- Meets all building codes for non-residential construction
- Easy installation–Choice of stab-in or hook-in cross tees; only 3" clearance required
- XL stab-in or ML hook-in cross tees provide secure lock connection; easy to remove, reuse and relocate
- Rotary stitched during manufacture for additional torsional strength and extra stability during installation
- SuperLock™ main beam clip is engineered for a strong, secure connection and fast, accurate alignment confirmed with audible click; easy to remove/relocate

- Hot-dipped galvanized coating inhibits red rusting better than electrogalvanized or painted systems
- Seismic Rx® Suspension systems save time and money; Armstrong offers an ICC-ES approach to installations (ESR-1308); for stringent seismic specifications use heavy-duty main beams, XL stab-in cross tees, and BERC2 clips
- 10-year limited warranty; 30-year with Armstrong high-performance ceiling panels
- PeakForm® profile increases strength and stability for improved performance during installation
- Fire Guard™ options for UL design fire-rated performance only

271 SAHARA™

PeakForm® profile increases strength and stability for improved performance during installation
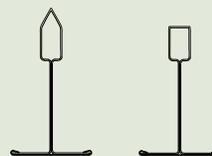
PeakForm® offers superior load-carrying capacity than typical square bulb.

Fire Guard™ options for UL design fire-rated performance only
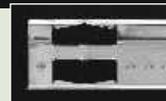
EXPANSION RELIEF ON FIRE GUARD™ MAIN BEAM

Armstrong®
Your ideas become reality®

Cross Section Illustration	Component	Item #	Fire Guard Item #	Description	LBS/LF on 4' span	Length	Web Height	Flange Width	PC/ CTN	LF/ CTN
	Main Beam	7301WH		12' Heavy Duty MB - White	16.5	144"	1-11/16"	15/16"	20	240
	Main Beam	7301BL		12' Heavy Duty MB - Black	16.5	144"	1-11/16"	15/16"	20	240
	Main Beam	7300XRWH	8300XRWH	12' Intermediate Duty MB White	12.8	144"	1-11/16"	15/16"	20	240
	Main Beam		8300BL	12' Intermediate Duty MB Black	12.8	144"	1-11/16"	15/16"	20	240
	Cross Tee		XL8340RWH	4' Stab Cross Tee - White		48"	1-11/16"	15/16"	60	240
	Cross Tee		XL8340BL	4' Stab Cross Tee - Black		48"	1-11/16"	15/16"	60	240
	Cross Tee	ML7343WH		4' Hook Cross Tee - White		48"	1-1/2"	15/16"	60	240
	Cross Tee	ML7343BL		4' Hook Cross Tee - Black		48"	1-1/2"	15/16"	60	240
	Cross Tee	ML7323WH		2' Hook Cross Tee - White		24"	1-1/2"	15/16"	60	120
	Cross Tee	ML7323BL		2' Hook Cross Tee - White		24"	1-1/2"	15/16"	60	120
	Cross Tee	XL7342BL		4' Stab Cross Tee - White		48"	1-1/2"	15/16"	60	240
	Cross Tee	XL7348RWH		4' Stab Cross Tee - White		48"	1-3/8"	15/16"	60	240
	Cross Tee	XL7328RWH	XL8323RWH	2' Stab Cross Tee - White		24"	1-3/8"	15/16"	60	120
	Cross Tee	XL7328BL	XL8323BL	2' Stab Cross Tee - Black		24"	1-3/8"	15/16"	60	120
	Wall Molding	7800RWH		12' Wall Molding - White		144"	7/8"	7/8"	30	360
	Wall Molding	7800BL		12' Wall Molding - White		144"	7/8"	7/8"	30	360
	Accessory	7891		12 Gauge Hanger Wire		144"			140	1680
	Accessory	UHDCA		Universal Hold Down Clip					1000	
	Accessory	UTCA		Up Tight Clip to attach to wood joint					250	
	Accessory	BERC2		Beam End Retaining Clip					200	

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.
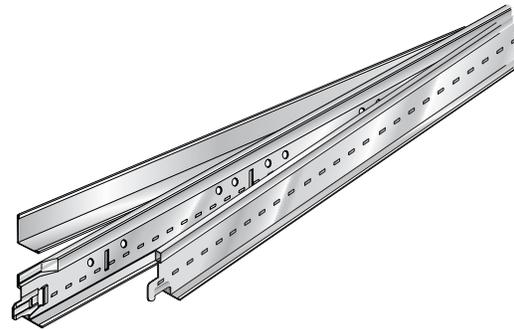
2' x 2' White
Kit Includes:

- **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

2' x 2' Black
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

2' x 4' White
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

Panel Size	2' x 2'	2' x 2'	2' x 4'
Kit Number	6357WH	6357BL	6355WH
Item Name		Suspended Ceiling Installation Kit	
Approx. Wt./Ctn. (lbs.)	13.5	13.5	11
Ctns. per Pallet	48	48	48

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

Suspended Ceiling Estimating Guide

For ceiling panels and grid

INSTRUCTIONS: 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 short dimension.

Main beams parallel to room's long dimension.

6' x 6' to 10' x 48' Room Sizes

Main beams parallel to room's short dimension / long dimension

ROOM SIZE	AREA – SQ. FT.	12' WALL MOLDINGS	2'x2' NUMBER OF PANELS	2'x2' 12' MAIN BEAMS	2'x2' 4' CROSS TEES	2'x2' 2' CROSS TEES	2'x4' 12' MAIN BEAMS	2'x4' 4' CROSS TEES	2'x4' 2' CROSS TEES	NUMBER OF PANELS	2'x2' 12' MAIN BEAMS	2'x2' 4' CROSS TEES	2'x4' 12' MAIN BEAMS	2'x4' 4' CROSS TEES
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

12' x 12' to 20' x 24' Room Sizes

ROOM SIZE	AREA – SQ. FT.	12' WALL MOLDINGS	2'x2' NUMBER OF PANELS	2'x2' 12' MAIN BEAMS	2'x2' 4' CROSS TEES	2'x2' 2' CROSS TEES	2'x4' 12' MAIN BEAMS	2'x4' 4' CROSS TEES	2'x4' 2' CROSS TEES	NUMBER OF PANELS	2'x2' 12' MAIN BEAMS	2'x2' 4' CROSS TEES	2'x4' 12' MAIN BEAMS	2'x4' 4' CROSS TEES
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	36	6	31	5	32
16' x 22'	352	7	88	7	35	47	6	44	48	44	7	38	6	40
16' x 26'	416	7	104	8	42	55	7	52	56	52	8	45	7	48
16' x 30'	480	8	120	10	49	63	8	60	64	60	10	52	8	56
16' x 34'	544	9	136	11	56	71	9	68	72	68	11	59	9	64
16' x 38'	608	9	152	12	63	79	10	76	80	76	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

WoodHaven™ Estimating & Installation Guide

Complete installation materials included in every package of planks:
55 clips, 55 screws. Enough installation material to install one
package of WoodHaven ceiling planks.
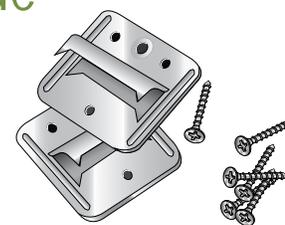
WoodHaven Ceiling Plank Packages

	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'
4'	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	4
5'	1	1	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4
6'	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	5
7'	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5
8'	2	2	2	2	3	3	3	4	4	4	4	5	5	5	5	6	6
9'	2	2	2	3	3	3	4	4	4	5	5	5	5	6	6	6	7
10'	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7
11'	2	2	3	3	4	4	4	5	5	5	6	6	7	7	7	8	8
12'	2	3	3	3	4	4	5	5	5	6	6	7	7	8	8	8	9
13'	2	3	3	4	4	5	5	5	6	6	7	7	8	8	9	9	9
14'	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10
15'	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11
16'	3	3	4	4	5	5	6	7	7	8	8	9	9	10	10	11	12
17'	3	3	4	5	5	6	6	7	8	8	9	9	10	10	11	12	12
18'	3	4	4	5	5	6	7	7	8	9	9	10	10	11	12	12	13
19'	3	4	4	5	6	6	7	8	8	9	10	10	11	12	12	13	14
20'	4	4	5	5	6	7	7	8	9	9	10	11	12	12	13	14	14

Installation as easy as 1, 2, 3

Step 1
Install furring strips 24"
on center or less, can
also be installed directly
to wood joists or over
existing drywall using
longer screws

Step 2
Position planks

Step 3
Install planks with
appropriate clips

Product Comparison Data

Armstrong Retail	Armstrong Commercial	USG Retail	USG Commercial	CertainTeed Commercial
HomeStyle Series				
231 Washable White	None	4290 Custom White	None	None
241 SuperTuff™	301 Tundra®	None	5899 Touchstone	None
258 Grenoble™	None	4240 Tivoli	None	None
266 Brighton™	None	1004 Alpine	None	None
269 Sand Pebble™	1752 Georgian Minatone	R4800 Moonscape		
271 Sahara™	1774 Dune™	5221 Majestic	4220 Olympia	None
273 Sahara™	1772 Dune™	None	4411 Olympia	None
280 Plain White	None	380 Stonehurst	None	None
410 Random Fissured™	2911 Random Fissured	212 Santa Fe	None	None
1201 Raised Panel	8011 Ledges®	None	None	None
Contractor Series				
403 Esprit® Fiberglass	None	209 Tabaret	None	None
915 Fire Guard™	895 Fissured Fire Guard™	220 Fifth Ave.	586 Fissured	PDFR-197 Fissuretone II
922 Fine Fissured™	1729 Fine Fissured	R2410 Radar	2410 Radar ClimaPlus	HHF-197
928 Fine Fissured™	1728 Fine Fissured	None	2210 Radar ClimaPlus	HHF-157
932 Fine Fissured™	1732 Fine Fissured	R2220 Radar ClimaPlus	2220 Radar ClimaPlus	HHF-154
933 Random Textured	769A Cortega®	R2310 Radar	2310 Radar	BET-197 Baroque
934 Random Textured	704 Cortega®	R2120 Radar	2120 Radar	BET-154 Baroque
935 Random Textured	770 Cortega® Minaboard	R2110 Radar	2110 Radar	BET-157 Baroque
942 Textured	755 Fissured	280 Fifth Ave.	562 Fissured	DMRF-197
949 Textured	756 Fissured	133 Fifth Ave.	560 Fissured	DMRF-157
954 Classic Fine Textured	584 Cirrus® Angled Tegular	R76775 Luna	76775 Eclipse	CM-454
9767 Scored	2767 Second Look® II	R2742 Illusions	2742 Radar Illusion	BQCL-224

Note: This product comparison list is intended as a guide and is not meant to represent that products within the same category are identical substitutes. Please consult Manufacturer's Catalog for specific technical data and U.L. designs required.

Trademarks: Firecode, Radar, and Illusion are trademarks of USG Interiors, Inc. Baroque and Fissuretone are trademarks of CertainTeed Corporation.

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 also offers high-performance engineered resin and durable laminate plank ceilings, and rigid PVC panels and metal ceilings.

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 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.

HOW MANY FLUORESCENT LIGHT FIXTURES ARE NEEDED FOR A NEW CEILING?

Standard rule for light fixtures is two 4' fluorescent tubes for every 75 square feet of ceiling area.

WHAT KIND OF FLUORESCENT LAMPS SHOULD BE USED WITH ARMSTRONG CEILINGS?

All lamps must be rapid-start. Warm white and cool white are most efficient, but deluxe and natural-colored lamps provide a more pleasant atmosphere.

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.

Contact Armstrong.com or
Techline 1-877-Armstrong (276-7876)
7:45 AM-5 PM, Monday-Friday (EST)

Armstrong® Residential Ceiling Systems – Limited Warranties

WHAT OUR WARRANTIES MEAN

Our warranties are our promise to you that the Armstrong® ceiling and Armstrong installation materials you've purchased will be free from manufacturing defects. Because our products are designed and engineered to be used together for the best performance possible, we warrant that Armstrong ceilings and Armstrong installation materials, if used together, will be free from manufacturing defects as outlined below.

Please read all of the following terms carefully as this warranty may be affected by installation methods and materials used and site conditions. Armstrong does not authorize any person to assume or extend any other warranty obligation or liability on its behalf.

What will Armstrong do?
If a manufacturing defect does occur within the terms and conditions of this warranty, you will be supplied with new material to replace the defective ceiling product, the replacement materials will be of the same or similar design and quality.

What does this warranty not cover?
• Damage that may occur due to Abnormal Conditions described above is not covered by this warranty.
• This warranty does not cover damage caused by improper maintenance, improper installation, or by use contrary to our recommendations, such as use outdoors or on surfaces other than ceilings.
• This warranty does not cover normal wear and tear or shade changes due to exposure to smoke, fumes, leaks, or abuse.
• This warranty does not cover labor charges to replace obvious visual defect in the material at time of installation.
• We exclude and will not pay any consequential or incidental damage, loss or expense other than to the ceiling system itself.
• This warranty is not transferable and applies to the original purchaser only. It does not apply to materials graded second or odd lot.
• This warranty does not cover differences between samples or product photographs and actual product purchased.

Additional Note: Armstrong 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 panels. All warranties will be voided by field painting.

How do you get service?
You must notify the retailer who sold you the material, in writing, of any product failure covered by this warranty within 30 days of first observation of failure. If you are unable to contract your retailer, or if you notified your retailer of a defect and have not received satisfaction, please contact us at:

Armstrong World Industries, Inc
Attn: Customer Focus Center
P.O Box 3001
Lancaster, PA 17604
1-877-Armstrong
www.armstrong.com

How does state law apply?
This warranty gives you specific legal rights and you may also have other rights, which vary from state to state. Some jurisdictions do not allow exclusion or limitation of incidental or consequential damages or other limitations on implied warranties , so the limitation(s) or exclusion(s) in this warranty may not apply to you.

THIS EXPRESS WARRANTY CONSTITUTES THE ENTIRE OBLIGATION OF ARMSTRONG AND THERE ARE NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY USE or PURPOSE WHATSOEVER. ARMSTRONG'S LIABILITY IS LIMITED TO THAT SET FORTH BELOW IN THIS WARRANTY. ARMSTRONG IS NOT LIABLE FOR ANY INSTALLATION OR REMOVAL COSTS UNDER THIS WARRANTY. NOR IS RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OR COSTS UNDER THIS WARRANTY.

Ten Year – Thirty (10/30) Year Limited Warranty for High Performance Ceiling Systems

High Performance Ceiling Products
922 Fine Fissured,™ 928 Fine Fissured,™ 932 Fine Fissured,™ 1728BL Fine Fissured™ Black, 269 Sand Pebble,™ 271 Sahara,™ 273 Sahara,™ 241 SuperTuff,™ 403 Espirit® Fiberglass, 404 Pebbled Fiberglass, 410 Sonoflex Random Fiberglass,™ 416 Sonoflex Etched Fiberglass, 420 Random Fiberglass, and 954 Classic Fine Textured. This product list is subject to change. Please refer to our website at www.armstrong.com or contact our Customer Focus Center at 1-877-Armstrong for the most current information.

The Armstrong Ceiling products listed above are warranted to be free from defects in materials or factory workmanship for 30 years from the date of installation when installed using an Armstrong Suspension System and used under normal conditions. If these products are not installed using an Armstrong Suspension System the Armstrong Ceiling products listed above are warranted to be free from defects in materials or factory workmanship for 10 years from the date of installation when installed under normal conditions. (Except for obvious defects in materials or factory workmanship, which Armstrong must be notified of within 30 days of the date of installation.)

Armstrong Suspension Systems are warranted to be free from the occurrence of 50% red rust as defined by ASTM D610 test procedures for 30 years from the date of installation, when installed with the Armstrong ceiling panels listed above and in accordance with Armstrong's written installation instructions.

Warranty Conditions
All ceiling products must be installed and maintained in accordance with Armstrong's written installation and maintenance instructions for that product in effect at the time of installation.

This warranty is not transferable and applies to the original purchaser only.

Prior to installation, the ceiling product must be kept clean and dry in an environment that is between 32° F (0°C) and 120°F (49°C) and not subject to Abnormal Conditions. Abnormal Conditions include exposure to chemical fumes, corrosive agents (such as chlorine), vibrations, fire, and water, freezing temperatures, accident or any other form of abuse, or excessive dirt or dust buildup. If subject to Abnormal Conditions, where possible, the products should be removed immediately and replaced once the conditions are normal.

Installation of the products shall be carried out where the temperature is between 32°F (0°C) and 120°F (49°C). It is not necessary for the area to be enclosed and for HVAC systems to be functioning and in continuous operation. All wet work (plastering, concrete, etc.) must be complete and dry, and the products must be protected from the elements such as rain, snow, etc. These systems cannot be used in exterior applications, or where standing water is present due to high humidity, or where moisture will come in direct contact with the ceiling. These temperature and humidity conditions must be met throughout the life of the warranty.

Sag Resistance
The Armstrong Ceiling products listed above have extra sag resistance. They are warranted to be free from defect in materials or factory workmanship or sagging and warping as a result thereof for thirty (30) years from the date of installation, when installed with

Armstrong Suspension Systems; for ten (10) years from date of installation when an Armstrong Suspension System is not used.

Mold and Mildew Resistance
The Armstrong Ceiling products 922 Fine Fissured, 928 Fine Fissured, 932 Fine Fissured, 1728BL Fine Fissured Black, 269 Sand Pebble, 271 Sahara, 273 Sahara, 241 SuperTuff, and 954 Classic Fine Textured have bioblock treatment. They are warranted to be free from the growth of mold, mildew and gram positive and gram negative odor and stain causing bacteria for thirty (30) years from the date of installation, when installed with Armstrong Suspension Systems; for ten (10) years from date of installation when an Armstrong Suspension System is not used.

Armstrong fiberglass ceiling panels listed above do not have bioblock treatment, but are warranted to be free from the growth of mold, mildew, and odor and stain causing bacteria for 30 years from the date of installation, when installed with Armstrong Suspension Systems; for ten (10) years from date of installation when an Armstrong Suspension System is not used, due to the inherent characteristics of the products.

This limited warranty is subject to further conditions listed below.

The ceilings must be maintained to avoid excessive dirt or dust buildup that would provide a medium for microbial growth on ceiling panels. Microbial protection does not extend beyond the treated surface as received from the factory, and does not protect other materials that contact the treated surface such as supported insulation materials. General maintenance guidelines can be found at www.armstrong.com.

The warranty is void if the ceiling product is not installed in accordance with the installation instructions included in every carton, also available at www.armstrong.com

Custom Creations™ Products Limited Warranty – Guaranteed for as long as you own your home!

Armstrong's Custom Creations products are warranted to be free from defects in materials or factory workmanship from the date of installation for as long as you own your home when used under normal conditions. (Except for obvious defects in materials or factory workmanship, which Armstrong must be notified of within 30 days of the date of installation.)

Warranty Conditions
All Custom Creations™ products must be installed and maintained in accordance with Armstrong's written installation instructions in effect at the time of installation. This warranty is not transferable and applies to the original purchaser only.

Prior to installation, the ceiling product must be kept clean and dry in an environment that is between 32° F (0°C) and 120°F (49°C) and not subject to Abnormal Conditions. Abnormal Conditions include exposure to chemical fumes, corrosive agents (such as chlorine), vibrations, fire, and water, freezing temperatures, accident or any other form of abuse, or excessive dirt or dust buildup. If subject to Abnormal Conditions, where possible, the products should be removed immediately and replaced once the conditions are normal.

Installation of the products shall be carried out where the temperature is between 32°F (0°C) and 120°F (49°C). It is not necessary for the area to be enclosed and for HVAC systems to be functioning and in

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- Ceiling Project Planning
- Ceiling Video Library
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- Ceiling Glossary

As one of the world's largest providers of designer ceilings, Armstrong 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 100%.

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- Techline: Technical Information, 8:00 AM – 5:30 PM, EST (Monday - Friday)
- Email Techline: techline@armstrong.com
- Website: armstrong.com

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