Contact Armstrong Ceilings:
- 1-877-ARMSTRONG (276-7876)
- Email Techline: techline@armstrongceilings.com
- Website: ceilings.com

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

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### HOW IT INSTALLS

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<td>Suspended (Drop) Ceiling*</td>
<td>Get access behind panels</td>
<td>Metal grid system and hanger wires</td>
<td>24-in x 24-in 24-in x 48-in</td>
</tr>
<tr>
<td>Surface Mount (Direct Apply)</td>
<td>Maximize ceiling height</td>
<td>Easy Up® installation system or adhesive</td>
<td>12-in x 12-in 24-in x 48-in 6-in x 48-in 5-in x 84-in</td>
</tr>
</tbody>
</table>

*Requires 3-in above panel
2  CHOOSE A LOOK

**DESIGNER**
- Wood
- Tin/Metal
- Coffereds

**SUSPENDED (DROP) CEILINGS**
- Decorative
- Smooth
- Textured

**SURFACE MOUNT (DIRECT APPLY) CEILINGS**
- 12-in x 12-in Surface Mount (Direct Apply)

---

**CONSIDER PERFORMANCE**

**Sag/Humidity Resistance:** Products with this icon maintain a flat, attractive ceiling surface in areas of up to 90% humidity; use in interior spaces that are not climate controlled

**Standard Performance:** appropriate for climate controlled spaces

**Superior Performance:** appropriate for non-climate controlled spaces

**Mold/Mildew Resistance:** Products with this icon resist the growth of mold and mildew on the treated surface

**Standard Performance:** appropriate for climate controlled spaces

**Superior Performance:** appropriate for non-climate controlled spaces

**Noise Reducing:** Products with this icon reduce noise within a room or traveling from room to room

**NRC:** reduces noise within a room, the higher the number, the better the performance

**CAC:** blocks sound between rooms, the higher the number, the better the performance

**Fire Resistance:** Products with this icon meet building codes for commercial and residential spaces, based on E-84 testing

---

**Edge detail impacts overall look**

- tongue & groove
- square edge
- tegular edge
**WoodHaven™ Ceiling Planks**

WoodHaven™ Ceiling Planks are 5-in x 84-in and are made of MDF (medium density fiberboard.)

**FEATURES**
- Prefinished, natural wood-grain look means no sanding, staining or sealing
- Great for covering damaged drywall, plaster or popcorn ceilings
- Beveled tongue and groove edge minimizes the appearance of gaps during normal expansion and contraction
- Item #1148 and 1149 can be used for wainscoting or walls and are paintable
- Update the look of your ceiling without losing ceiling height
- Staggered installation means minimal waste
- Class C Fire Performance: great for residential spaces, based on E-84 testing

**INSTALL IN THREE DIFFERENT WAYS**

See page 34 for details.

**WARRANTY**

10-year limited manufacturer warranty

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**WOODHAVEN™ PLANKS ON WALLS**

Consider the expanded range of decorating options with WoodHaven™ planks used on walls. Choose from two design selections – Painted White (1148) and Beadboard (1149).

**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*.

*Finish with a trim of your choice.
WOODHAVEN™ FINISHES

WOOD LOOK SURFACE MOUNT (DIRECT APPLY) CEILINGS

COUNTRY CLASSIC™ PLANK
The visual of our 6-in x 48-in Country Classic™ Plank provides a beautiful country rustic look as a cost-effective alternative to real wood planks. These easy-to-install planks are lightweight and easily cut with a utility knife. They come in white or you can paint or stain them for the style you're looking for.

FEATURES
- Mineral fiber (similar to standard ceiling products)
- 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

INSTALLATION SYSTEM
Tongue & groove has no visible grid
Easy Up® installation system or adhesive

WARRANTY
Use Easy Up installation system for a 30-year limited warranty (ceiling plank alone is a 10-year warranty)
*Painting will void the warranty.
Whether building or renovating an existing space, an Armstrong® Metallaire™ ceiling will be the final detail that makes your room uniquely memorable. Make a bold and contemporary design statement. Or create a quiet ambiance with subtle and sophisticated patterns.

**FEATURES**

- Beautiful 19th Century historical patterns
- Real metal, coated to protect from rust
- Available in 5 finishes, 12 patterns, and in a 24-in x 24-in suspended panel and a 24-in x 48-in direct apply panel
- Ideal for wall applications—backsplash panels available in stainless steel
- Everything you need is available; coordinating grid kits, cornices, cone head nails and filler panels

**CEILING INSTALLATION OPTIONS**

- 24-in x 24-in Suspended (Drop)
- Coordinating 15/16-in grid kits (sold separately) for Metallaire™ ceilings are available for suspended installation.
- 24-in x 48-in Nail-up (Surface Mount)
- Apply directly to your ceiling using cone head nails (sold separately) in a coordinating finish.

**WARRANTY**

Lifetime limited manufacturer warranty

---

**FINISHES**

- WH—WHITE
- AM—CHROME
- LS—LACQUERED STEEL
- AR—BRASS
- CP—COPPER

---

**STYLES**

- SMALL PANELS
  - 24-in x 48-in
  - NAIL-UP (SURFACE MOUNT) 5424204N
  - 24-in x 24-in SUSPENDED 5422204L

- FANS
  - 24-in 48-in
  - NAIL-UP (SURFACE MOUNT) 5424207N
  - 24-in x 24-in SUSPENDED 5422207L

- VINE
  - 24-in 48-in
  - NAIL-UP (SURFACE MOUNT) 5424210N
  - 24-in x 24-in SUSPENDED 5422210L

- MEDALLION
  - 24-in 48-in
  - NAIL-UP (SURFACE MOUNT) 5424234N
  - 24-in x 24-in SUSPENDED 5422234L

- HAMMERED BORDER
  - 24-in x 48-in
  - NAIL-UP (SURFACE MOUNT) 5424509N
  - 24-in x 24-in SUSPENDED 5422509L

- LARGE PANEL
  - 24-in x 48-in
  - NAIL-UP (SURFACE MOUNT) 5424505N
  - 24-in x 24-in SUSPENDED 5422505L

- SMALL FLORAL CIRCLE
  - 24-in x 48-in
  - NAIL-UP (SURFACE MOUNT) 5424503N
  - 24-in x 24-in SUSPENDED 5422503L

- HAMMERED TREFOIL
  - 24-in x 48-in
  - NAIL-UP (SURFACE MOUNT) 5424321N
  - 24-in x 24-in SUSPENDED 5422321L

- MEDIUM PANELS
  - 24-in x 48-in
  - NAIL-UP (SURFACE MOUNT) 5424320N
  - 24-in x 24-in SUSPENDED 5422320L

- WREATH
  - 24-in x 48-in
  - NAIL-UP (SURFACE MOUNT) 5424503N
  - 24-in x 24-in SUSPENDED 5422503L

- LARGE FLORAL CIRCLE
  - 24-in x 48-in
  - NAIL-UP (SURFACE MOUNT) 5424309N
  - 24-in x 24-in SUSPENDED 5422309L

- BEAD
  - 24-in x 48-in
  - NAIL-UP (SURFACE MOUNT) 5424504N
  - 24-in x 24-in SUSPENDED 5422504L
CONE HEAD NAILS

Cone head nails are available in coordinating finishes to install a 24-in x 48-in direct nail-up (surface mount) ceiling. Available in Chrome/Lacquered Steel (AM); Brass (AR); Copper (CP); White (WH). Each carton of nails installs 200 square feet of ceiling panels.

FILLER PANELS

5422235L—24-in x 24-in Suspended (Drop)
5424235N—24-in x 48-in Nail-up (Surface Mount)
Add color suffix letters to product numbers

Filler panels are used around the edge of the room when less than full panels are needed. Filler panels are available in matching finishes. Available in Chrome (AM); Lacquered Steel (LS); Brass (AR); Copper (CP); White (WH).

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, 6 patterns and are 48 in length. Add the color suffix found on page 10 to the item number below.

GRID KITS

Grid kits are available for 24-in x 24-in suspended (drop) installation. Colors available to coordinate with all finishes for Metallaire ceilings. Available in Chrome/Lacquered Steel (AM); Brass (AR); Copper (CP); White (WH). Grid kits install 64 square feet of ceiling panels per carton.

HOLD DOWN CLIPS

Each carton contains enough clips to hold down 200 square feet of Metallaire suspended ceiling panels.
Metallaire™ ceiling tiles are not only beautiful in detail and form, but functional as well when used as a backsplash or on an entire wall. 18 1/2-in x 48 1/2-in backsplash panels are available in a stainless steel finish in the 5 styles below. Stainless steel is the best finish for a backsplash. However, standard 24-in x 48-in panels can also be used in chrome, copper, brass, lacquered steel and white. The lacquered steel panels can be painted and customized to your décor.

**STYLES**

- SMALL PANELS
  - 5400204BNA
- MEDALLION
  - 5400234BNA
- SMALL FLORAL CIRCLE
  - 5400209BNA
- FANS
  - 5400207BNA
- VINE
  - 5400210BNA

**FEATURES & BENEFITS**

- Beautiful 19th Century historical patterns
- Coated metal to protect from rust
- Mold and mildew resistance
- Available in 5 stainless steel styles
- Pre-cut to fit most standard kitchens
- Also ideal for other accent walls

**WARRANTY**

Lifetime limited manufacturer warranty

Metallaire™ panels are produced from steel or aluminum yet they are designed to emulate an antique-type visual. Periodic “wrinkles” or dents may cause the panel to appear not to be flat; these characteristics add to the antique effect and are not considered manufacturing defects.

**BACKSPLASH OR WALL INSTALLATION**

Use adhesive to attach the panels to the wall. Use just enough cone head nails to secure the panels to the wall while the adhesive sets up. (Do not remove nails.)

**NOTE:** End result might not appear as shown due to varying cabinet heights.
**Easy Elegance™**

**COFFERED CEILING PANELS**

<table>
<thead>
<tr>
<th>STYLE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1280BXA EASY ELEGANCE™ DEEP COFFER WHITE</td>
<td>1280BXA EASY ELEGANCE™ DEEP COFFER BLACK</td>
</tr>
<tr>
<td>1282BXA EASY ELEGANCE™ SHALLOW COFFER WHITE</td>
<td>1282BLBXA EASY ELEGANCE™ SHALLOW COFFER BLACK</td>
</tr>
</tbody>
</table>

**FEATURES & BENEFITS**
- Lightweight PVC (plastic) panel
- Sophisticated coffer look at a fraction of the cost of custom work
- Humidity resistance
- Drywall perimeter border recommended for a high-end finished look
- Class A, for residential use only
- Available in Deep (2.5-in) or Shallow (0.7-in)
- Easy installation system provides access to pipes, ducts and wiring

**INSTALLATION**
Installs with Prelude® 15/16-in grid system

**WARRANTY**
Lifetime limited manufacturer warranty

---

**STYLESTIX™ SUSPENDED CEILING GRID MOLDINGS**

<table>
<thead>
<tr>
<th>STYLE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1310 STYLESTIX 6’ GRID COVER</td>
<td>1311 STYLESTIX 6’ WALL MOLDING COVER</td>
</tr>
<tr>
<td>1312 STYLESTIX 2’ GRID COVER</td>
<td></td>
</tr>
</tbody>
</table>

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

**INSTALLATION**
Snaps onto a 24-in x 24-in suspension system (15/16-in grid face)

**WARRANTY**
Lifetime limited manufacturer warranty
Decorative Look

24-in x 24-in DECORATIVE CEILINGS

FEATURES & BENEFITS
- Variety of decorative styles to enhance any décor
- Grid-blending design masks the industrial look of metal grid
- Easy installation system provides access to pipes, ducts and wiring

INSTALLATION SYSTEM
Tegular edge products minimize grid look
Prelude® 15/16-in suspension system
Suprafine® 9/16-in suspension system (1210 and 8009 only)

WARRANTY
- 1270, 8008 and 8009 have a 1-year limited manufacturer warranty
- 1201, 1202, 1203, 1205, 1206 and 1210 have a 10-year limited manufacturer warranty
SmoothLook

24-in x 24-in SMOOTH LOOK CEILINGS

- 269 SAND PEBBLE™
- 271 SAHARA™
- 273 SAHARA
- 276 SAHARA
- 973 LUMAWASH®
- 1231 BRIGHTEX™ WITH AIRGUARD™

FEATURES & BENEFITS
- Ideal for basements and home theaters
- Easy installation system provides access to pipes, ducts and wiring
- 973 meets USDA guidelines for use in food processing areas

SmoothLook

24-in x 48-in SMOOTH LOOK CEILINGS

- 280 PLAIN WHITE
- 972 LUMAWASH®
- 9768 SAHARA™ SCORED II
- 9769 SAHARA™ SCORED I

FEATURES & BENEFITS
- Great for new, replacement and matching ceilings
- Easy installation system provides access to pipes, ducts and wiring
- 972 meets USDA guidelines for use in food processing areas
- 9768 and 9769 are scored to give a 1-ft x 1-ft or a 2-ft x 2-ft visual on a 2-ft x 4-ft panel
**INSTALLATION SYSTEM**

Tegular edge products minimize grid look
Square edge products have a visible grid
Prelude® 15/16-in suspension system
Suprafine® 9/16-in suspension system (276 and 1231 only)

**WARRANTY**

- 30-year system warranty when installed with Prelude® suspension system (ceiling panel alone is a 10-year warranty);
- 280 has a 1-year manufacturer warranty

<table>
<thead>
<tr>
<th>Woodless grid look</th>
<th>Visible grid</th>
<th>Egg resistance</th>
<th>Mold resistance</th>
<th>Fire resistance</th>
<th>Noise reducing</th>
</tr>
</thead>
<tbody>
<tr>
<td>269 271 276 1231 9768 9769</td>
<td>273 280 973 972</td>
<td>269 271 273 276 973 1231 972 9768 9769</td>
<td>ALL</td>
<td>ALL</td>
<td></td>
</tr>
</tbody>
</table>
24-in x 48-in TEXTURED LOOK CEILINGS

FEATURES & BENEFITS
- Great for new, replacement and matching ceilings
- Non-directional image reduces labor and scrap (922 and 933)
- Easy installation system provides access to pipes, ducts and wiring
- 915 must be installed in an Armstrong® Fire Guard™ grid to achieve fire resistant UL ratings

INSTALLATION SYSTEM
Tegular edge products minimize grid look
Square edge products have a visible grid
Prelude® 15/16-in suspension system

WARRANTY
- 241, 922, 928, 932, 954, 1728BL have a 30-year system warranty when installed with Prelude® suspension system (ceiling panel alone is a 10-year warranty)
- 266, 297, 915, 933, 934, 935, 942, 949, 9767 have a 1-year limited manufacturer warranty
24-in x 48-in FIBERGLASS CEILINGS

FEATUERES & BENEFITS
- Great for new, replacement and matching commercial applications
- Easy installation system provides access to pipes, ducts and wiring
- Offers a lightweight, easy to handle and install alternative to traditional ceiling options

INSTALLATION SYSTEM
Square edge products have a visible grid
Prelude® 15/16-in suspension system

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

TinLook™
PAINTABLE CEILINGS

12-in x 12-in TINLOOK CEILINGS

FEATURES & BENEFITS
- Mineral fiber (similar to standard ceiling products)
- Vintage tin ceiling look at an affordable price
- Paintable* to match any décor
- Great for covering damaged drywall and plaster, or popcorn ceilings

INSTALLATION SYSTEM
Tongue & groove has no visible grid
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)

*Painting will void warranty
12-in x12-in Ceilings

231 WASHABLE WHITE

250 PINEHURST™

258 GRENOBLE™

FEATURES & BENEFITS
• Paintable* to match any décor
• Great for covering damaged drywall and plaster or popcorn ceilings

INSTALLATION SYSTEM
Tongue & groove has no visible grid
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)
*Painting will void warranty

SUSPENDED (DROP) CEILINGS—INSTALLATION

1 Install wall molding
2 Suspend main beams with hanger wires
3 Install cross tees
4 Install ceiling panels

WHY USE AN ARMSTRONG® SUSPENDED (DROP) CEILING VS DRYWALL?
• Accessibility to pipes, duct work and wiring
• Faster and cleaner installation
• May reduce noise and resist mold/mildew
• Broad selection of visuals
• Easy to repair and replace damaged or stained panels
# Suspended (Drop) Ceiling Installation Systems

<table>
<thead>
<tr>
<th>Prelude Item#</th>
<th>Product Name</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>7301WH</td>
<td>12-ft Heavy Duty Main Beam</td>
<td>White</td>
</tr>
<tr>
<td>7301BL</td>
<td>12-ft Heavy Duty Main Beam</td>
<td>Black</td>
</tr>
<tr>
<td>ML7343WH</td>
<td>4-ft Hook Cross Tee</td>
<td>White</td>
</tr>
<tr>
<td>ML7343BL</td>
<td>4-ft Hook Cross Tee</td>
<td>Black</td>
</tr>
<tr>
<td>ML7323WH</td>
<td>2-ft Hook Cross Tee</td>
<td>White</td>
</tr>
<tr>
<td>ML7323BL</td>
<td>2-ft Hook Cross Tee</td>
<td>Black</td>
</tr>
<tr>
<td>XL7342BL</td>
<td>4-ft Stab Cross Tee</td>
<td>Black</td>
</tr>
<tr>
<td>XL7348RWH</td>
<td>4-ft Stab Cross Tee</td>
<td>White</td>
</tr>
<tr>
<td>XL7328RWH</td>
<td>2-ft Stab Cross Tee</td>
<td>White</td>
</tr>
<tr>
<td>XL7328BL</td>
<td>2-ft Stab Cross Tee</td>
<td>Black</td>
</tr>
<tr>
<td>7800RWH</td>
<td>12-ft Wall Molding</td>
<td>White</td>
</tr>
<tr>
<td>7800BL</td>
<td>12-ft Wall Molding</td>
<td>Black</td>
</tr>
</tbody>
</table>

# Suspended (Drop) Ceiling Fire Guard™ Installation Systems

<table>
<thead>
<tr>
<th>Prelude Fire Guard Item#</th>
<th>Product Name</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>8300XRWH</td>
<td>Fire Guard™ 12-ft Intermediate Duty Main Beam</td>
<td>White</td>
</tr>
<tr>
<td>8300BL</td>
<td>Fire Guard™ 12-ft Intermediate Duty Main Beam</td>
<td>Black</td>
</tr>
<tr>
<td>XL8340RWH</td>
<td>4-ft Stab Cross Tee</td>
<td>White</td>
</tr>
<tr>
<td>XL8340BL</td>
<td>4-ft Stab Cross Tee</td>
<td>Black</td>
</tr>
<tr>
<td>XL8323RWH</td>
<td>2-ft Stab Cross Tee</td>
<td>White</td>
</tr>
<tr>
<td>XL8323BL</td>
<td>2-ft Stab Cross Tee</td>
<td>Black</td>
</tr>
</tbody>
</table>

# Suspended (Drop) Ceiling Installation Accessories

<table>
<thead>
<tr>
<th>Accessories Item#</th>
<th>Accessories Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>7891</td>
<td>12 Gauge Hanger Wire</td>
</tr>
<tr>
<td>UHDCA</td>
<td>Universal Hold Down Clip</td>
</tr>
<tr>
<td>UTCAH</td>
<td>Up Tight Clip (to attach to wood joist)</td>
</tr>
<tr>
<td>BERC2</td>
<td>Beam End Retaining Clip</td>
</tr>
</tbody>
</table>

# Suspended (Drop) Ceiling Installation Kits

<table>
<thead>
<tr>
<th>Kit Item#</th>
<th>Kit Name</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>6357WH</td>
<td>24-in x 24-in Suspended Ceiling Installation Kit</td>
<td>White</td>
</tr>
<tr>
<td>6357BL</td>
<td>24-in x 24-in Suspended Ceiling Installation Kit</td>
<td>Black</td>
</tr>
<tr>
<td>6355WH</td>
<td>24-in x 48-in Suspended Ceiling Installation Kit</td>
<td>White</td>
</tr>
</tbody>
</table>

Kits include: 72-in Main Beams, 48-in Cross Tees, 24-in Cross Tees (except Kit 6355WH), 72-in Hanger Wires, 72-in Wall Moldings, Hanger Wire Fasteners, Wall Molding Fasteners. Everything you need to install 64 square feet of ceiling panels.
SURFACE MOUNT (DIRECT APPLY) CEILING INSTALLATION

- Want to hide stains or an ugly popcorn ceiling?
- Want to maximize your ceiling height?
- Don’t like the look of grid?

Armstrong® surface mount ceiling tiles and planks can be installed directly to an existing ceiling to save valuable inches of ceiling height. There are several installation methods available:

EASY UP® INSTALLATION SYSTEM
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 (20 tracks per carton)
1191 – Easy Up Clips (360 clips per carton)

INSTALLATION STEPS

1 Attach tracks (1190)
2 Snap on clips (1191)
3 Position tile or planks; slide and secure clip

ADHESIVE
Surface Mount (Direct Apply) products can also be installed with adhesive such as Henry® 237 AcoustiGum™ Acoustical Ceiling Tile Adhesive. Follow adhesive manufacturer’s instructions for application and usage.

EASY UP® INSTALLATION SYSTEM
FOR DIRECT APPLY CEILING TILES AND PLANKS

- Provides greater dimensional stability and strength versus wood furring
- Eliminates tile lipping caused by warping wood furring
- Easy Up® clips provide superior holding versus traditional staples
- Easy Up clips may be able to be used on an existing 15/16-in grid ceiling to install WoodHaven™ planks
- Installing Armstrong® direct apply products with Easy Up installation system provides a 30-year limited warranty

CALCULATE TRACKS AND CLIPS NEEDED

<table>
<thead>
<tr>
<th>Ceiling product</th>
<th>Track spacing</th>
<th>Ratio of lf of Track/sf of room</th>
<th>Ratio of Clips/sf of room</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-in x 12-in Tile</td>
<td>12-in oc</td>
<td>1.10</td>
<td>1.30</td>
</tr>
<tr>
<td>Country Classic™ Plank</td>
<td>12-in oc</td>
<td>1.10</td>
<td>1.25</td>
</tr>
<tr>
<td>WoodHaven™ Planks</td>
<td>24-in oc</td>
<td>0.65</td>
<td>1.20</td>
</tr>
</tbody>
</table>

oc = on center, lf = linear feet, sf = square feet

NOTES: Table averages values of room combinations from 10-ft x 10-ft to 30-ft x 30-ft. It is possible that these values could leave you slightly short, as it is an average. Values assume butting Track joints, end to end, with no overlap.
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 ceilings.com/projectestimator to access our online material estimator.

TOOLS YOU MAY NEED
SUSPENDED (DROP) CEILING PANELS
- String
- Dust mask
- Chalk line
- Drill
- Safety glasses
- Utility knife
- Pencil
- Hammer
- Snips
- Pliers
- Tape measure
- Hack saw
- 4-ft level (laser level saves time)
- Gloves
- Straight edge

DIRECT APPLY TILES AND PLANKS
- String
- Dust mask
- Chalk line
- Drill
- Safety glasses
- Utility knife
- Pencil
- Hammer
- Snips
- Pliers
- Tape measure
- Stud finder
- Hack saw
- 4-ft level (laser level saves time)
- Gloves
- Straight edge
- Drywall screws

WOODHAVEN™ PLANK INSTALLATION OPTIONS
INSTALL IN THREE DIFFERENT WAYS
Before starting your project, review complete installation instructions at ceilings.com/installwoodhaven for important design and installation considerations.

1 WOODHAVEN CLIPS AND SCREWS
Installation clips & screws are included in the plank package and install directly to furring strips (not included.)
This installation method is suitable for non-flat surfaces. Please contact Techline at 1-877-ARMSTRONG (276-7876) for guidance.

2 EASY UP® TRACKS AND CLIPS
Use Easy Up® installation system for faster, more flexible installation or to run planks parallel or diagonal to joists.
Item #1190 (20 tracks per carton)
Item #1191 (360 clips per carton)

3 INSTALLATION STEPS TO RETROFIT 15/16-IN GRID
Transform an existing 15/16-in suspended (drop) ceiling using Easy Up® clips.
NOTE: existing grid must be 15/16-in.
Remove panels
Snap on Easy Up clips
Position planks; slide and secure clips
NOTE: Existing grid must be 15/16-in. Prior to installation, ensure the clip fits snugly on the grid but can still slide.
Visit ceilings.com to order a sample Easy Up Clip to test your grid for a snug fit.
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 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 that are at least 5/8-in 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. For WoodHaven™ installation, do not allow insulation to touch the back of the planks.

Can Armstrong ceilings be painted?
All Armstrong ceiling tiles and panels (except fiberglass) can be painted with latex paints. The front and back of 24-in x 24-in and 24-in x 48-in 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 superior 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.

For Wood-Haven™ installation, open cartons 2–3 days prior to the install and allow material to adjust to the relative humidity in the space where it will be installed. Maintain humidity levels after installation.

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-in of overhead clearance. Additional height might be required if installing recessed lighting.

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. When sag resistant ceilings are 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 Wood-Haven™ planks, which meet class C flame-spread ratings. All products meet residential building codes.

Have questions that we didn’t answer?
Contact: ceilings.com or Techline 1-877-ARMSTRONG (276-7876)

35 ceilings.com
36 ceilings.com
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 Ceilings does not authorize any person to assume or extend any other warranty obligation or liability on its behalf.

What will Armstrong Ceilings 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 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 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 contact 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
1-877-276-7876
email: Techline@armstrongceilings.com
Fill out complaint form at:
armstrong.com/ceilingcomplaintform
ceilings.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 CEILINGS AND THERE ARE NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY USE OR PURPOSE WHATSOEVER. OUR LIABILITY IS LIMITED TO THAT SET FORTH BELOW IN THIS WARRANTY. ARMSTRONG CEILINGS 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™,
172BL Fine Fissured™ Black, 269 Sand Pebble™, 271 Sahara™
273 Sahara™, 1231 Brightex™ with Airguard™, and 276 Sahara™,
9768 Sahara™ Scored II and 9769 Sahara™ Scored I, 241 SuperTuff™,
403 Esprit® Fiberglass, 410 Sonoflex® Random Fiberglass™, 416
Sonoflex® Etched Fiberglass, 954 Classic Fine Textured, 972
Lumawash® and 973 Lumawash®.

This product list is subject to change. Please refer to our website at ceilings.com or contact our Customer Focus Center at 1-877-276-7876 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 Ceilings 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 the Armstrong Ceilings written installation instructions.

Warranty Conditions
All ceiling products must be installed and maintained in accordance with the Armstrong Ceilings 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 superior 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, 276 Sahara, 241 SuperTuff, and 954 Classic Fine Textured have Bioblock® performance. 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 performance, 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 ceilings.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 ceilings.com.

**Easy Elegance™ /StyleStix™ Products Limited Warranty—Guaranteed for as long as you own your home!**

Easy Elegance™ /StyleStix™ 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 Ceilings must be notified of within 30 days of the date of installation.)

**Warranty Conditions**
All Easy Elegance™ /StyleStix™ products must be installed and maintained in accordance with the Armstrong Ceilings 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 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. These temperature and humidity conditions must be met throughout the life of the warranty.

**Sag Resistance**
Easy Elegance™ /StyleStix™ ceiling products have sag resistance. They are warranted to be free from defect in materials or factory workmanship or sagging and warping as a result thereof for as long as you own your home.

**Mold and Mildew Resistance**
Easy Elegance™ /StyleStix™ ceiling products are warranted to be free from the growth of mold, mildew and gram positive and gram negative odor and stain causing bacteria due to the inherent characteristics of the products as long as you own your home.

This limited warranty is subject to further conditions listed below.

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

**Residential Ceiling Panel Ten-Thirty (10/30) Year Limited Warranty**


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 used under normal conditions. (Except for obvious defects in materials or factory workmanship, which Armstrong Ceilings must be notified of within 30 days of the date of installation.)

The above mentioned tiles* ceiling panels are warranted to be free from the growth of mold, mildew, and gram positive and gram negative odor and stain causing bacteria for ten (10) years from the date of installation. Homestyle ceiling panels contain a mold inhibiting agent that provides broad spectrum control for the growth of mold and mildew over the warranty period. These ceiling panels also resist the growth of gram positive and gram negative odor and stain causing bacteria.

This limited warranty is subject to further conditions listed below.

**Thirty (30) Year System Limited Warranty**
Direct apply ceilings installed with Easy Up® suspension systems are warranted to stay in place for 30 years. This limited warranty applies to the system when installed in accordance with installation instructions. This warranty applies to the following direct apply items; 46 Wellington, 1240 TinTile, 1244 Circles, 231 Plain White, 250 Pinehurst, 258 Grenoble, 480 Country Classic Plank and WoodHaven series items.

**Warranty Conditions**
All ceiling products must be installed and maintained in accordance with the Armstrong Ceilings written installation 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 86°F (30°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 86°F (30°C). It is 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 temperature and humidity conditions must be met throughout the life of the warranty.

This limited warranty is subject to further conditions listed below.

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

**WoodHaven™ Ceiling Panel Ten (10) Year Limited Warranty**

WoodHaven ceiling products are warranted to be free from defects in materials or factory workmanship for 10 years from the date of installation when used under normal conditions. (Except for obvious defects in materials or factory workmanship, which Armstrong Ceilings must be notified of within 30 days of the date of installation.)

**Warranty Conditions**

All WoodHaven products must be installed and maintained in accordance with the Armstrong Ceilings 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 50°F (10°C) and 86°F (30°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 50°F (10°C) and 86°F (30°C) and relative humidity levels maintained between 25% RH and 55% RH. It is 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 temperature and humidity conditions must be met throughout the life of the warranty.

This limited warranty is subject to further conditions listed below.

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

**Residential Mineral Fiber Ceiling Panel**

**One (1) Year Limited Warranty**

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


The Armstrong ceiling products listed above are warranted to be free from defects in materials or factory workmanship for 1 year from the date of installation when used under normal conditions. (Except for obvious defects in materials or factory workmanship, which Armstrong Ceilings must be notified of within 30 days of the date of installation.)

**Warranty Conditions**

All ceiling products must be installed and maintained in accordance with the Armstrong Ceilings written installation 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 86°F (30°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 86°F (30°C). It is 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 temperature and humidity conditions must be met throughout the life of the warranty.

This limited warranty is subject to further conditions listed below.

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

**Suspended Ceiling Installation Systems—10-Year Limited Warranty**

Armstrong suspension systems are warranted to be free from defects in materials or factory workmanship and are also warranted against the occurrence of 50% red rust as designated by ASTM D610 test procedures for a period of 10 years from the date of installation (except for obvious defects in materials or factory workmanship, of which Armstrong Ceilings must be notified within 30 days of the date of shipment to the customer). This limited warranty is subject to further conditions as indicated.