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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TOOLS YOU CAN USE

WEBSITE: For the most up-to-date information and instructions, visit ceilings.com

WEB TOOLS: Ceiling Project Estimator ceilings.com/projectestimator
Drop Ceiling Calculator ceilings.com/calculator
Ceiling Replacement Finder ceilings.com/IDMyCeiling

INSPIRATION: Photo Gallery ceilings.com/photos
Look Book ceilings.com/lookbook
Getting Started Videos ceilings.com/videos

INSTALLATION AND VIDEOS: ceilings.com/installation
ceilings.com/videos

WARRANTIES: ceilings.com/warranty or contact techline@armstrongceilings.com

TECHLINE: 1-877-ARMSTRONG (276-7876) techline@armstrongceilings.com

GETTING STARTED WITH CEILINGS

1 HOW IT INSTALLS

<table>
<thead>
<tr>
<th>Attachment Method</th>
<th>Benefits</th>
<th>Installation Method</th>
<th>Sizes Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suspended (Drop)</td>
<td>![accessibility]</td>
<td>Metal grid system and hanging hardware</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>
2  CHOOSE A LOOK

DESIGNER
- Wood Look
- Tin/Metal Look
- Coffer Look

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

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

Edge detail impacts overall look
- tongue & groove
- square edge
- tegular edge

3  CONSIDER PERFORMANCE FEATURES

Sag/Humidity Resistance: Products with this icon have superior performance and maintain a flat, attractive ceiling surface in areas of up to 90% humidity; use in spaces that are not climate controlled
- Standard Performance: appropriate for climate controlled spaces
- Superior Performance: appropriate for non-climate controlled interior spaces

Mold/Mildew Resistance: Products with this icon have superior performance and 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 interior 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
**WoodHaven™ CEILING & WALL PLANKS**

Our 5-in x 84-in WoodHaven™ ceiling planks offer a range of finishes for every room, are made of MDF (medium density fiberboard) and can be installed in three different ways.

New finishes 1138 Woven White and 1139 Woven Charcoal Gray have a linen-like texture, while 1275 Coastal White and 1276 Driftwood Gray have a vintage-inspired rustic look.

**FEATURES & BENEFITS**

- Prefinished; no sanding, staining or sealing
- Great for covering damaged drywall, plaster or popcorn ceilings
- Three ways to install: with WoodHaven Clips & Screws; with Easy Up® Tracks & Clips; over existing basement ceiling grid
- Update the look of your ceiling without losing ceiling height
- Items #1138, 1139, 1140, 1148, and 1149 can be used for wainscoting or walls
- Items #1148 and 1149 are paintable
- Beveled tongue and groove edge minimizes the appearance of gaps during normal expansion and contraction
- Staggered installation means minimal waste
- Easy to clean; wipe with a damp cloth
- Class C Fire Performance for residential spaces, based on E-84 testing

**INSTALL IN THREE DIFFERENT WAYS**

See page 39 for details.
WoodHaven™
CEILING & WALL PLANKS

WOODHAVEN™ PLANKS ON WALLS
Consider the expanded range of decorating options with WoodHaven™ planks used on walls. Choose from five design finishes — 1140 Classic White, 1148 Painted White, 1149 Beadboard, 1138 Woven White and 1139 Woven Charcoal Gray.

FEATURES & BENEFITS
• Easy installation on walls: Vertically with construction adhesive or horizontally with included clips
• Durable, easy to clean surfaces
• Items #1148 and 1149 are paintable to match your interior

INSTALLATION OPTIONS
With either option, finish with a trim of your choice.
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.

For installation videos, please visit ceilings.com/videos
For installation instructions, please visit ceilings.com/installwoodwalls
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 mineral fiber ceiling planks are lightweight and easily cut with a utility knife.

FEATURES & BENEFITS
• Made of mineral fiber (similar material to standard ceiling products)
• Real wood-grain appearance at an affordable price
• Paintable or stainable to match any décor
• Great for covering damaged drywall, plaster or popcorn ceilings

INSTALLATION SYSTEM
• Tongue & groove products have no visible grid
• Easy Up® installation system or adhesive

For installation instructions, please visit ceilings.com/installcountryclassic

METAL/TIN LOOK SUSPENDED OR SURFACE MOUNT CEILINGS

Metallaire™
DECORATIVE CEILINGS
WALLS & BACKsplashes

FEATURES & BENEFITS
• Beautiful 19th Century historical patterns
• Real metal, coated to protect from rust
• Available in 5 finishes, 12 patterns, and 2 sizes: 24-in x 24-in suspended panels or 24-in x 48-in surface mount panels
• Sag, mold and mildew resistance
• Ideal for accent wall applications—use stainless steel backsplash panels for kitchen or bathroom applications
• Coordinating accessories are available—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* for Metallaire™ ceilings are available for suspended installation.
*Sold separately

24-in x 48-in Nail-up (Surface Mount)
Apply directly to your ceiling using cone head nails* in a coordinating finish.

For help with planning your Metallaire ceiling, visit ceilings.com/metallaireplanning
For detailed installation instructions, please visit ceilings.com/installmetallaire

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.
CEILING STYLES

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

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

SMALL FLORAL CIRCLE
24-in x 24-in SUSPENDED
5422209L
24-in x 48-in
NAIL-UP (SURFACE MOUNT)
5424209N

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

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

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

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

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

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

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

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

ACCESSORIES (Sold separately)

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).

SUSPENDED ACCESSORIES

COORDINATING GRID KITS 5400G
Grid kits include all components to install 64 square feet of ceiling panels per carton.
Add NEW color suffix found below
Grid kits are available for 24-in x 24-in lay-in suspended installation; now with QuickHang™ hooks and brackets (see page 32 for additional information). Colors available to coordinate with all finishes for Metallaire™ ceilings: available in Chrome/Lacquered Steel (AM1); Brass (AR1); Copper (CP1); White (WH1).

Kits Include:
3 – NEW 72-in Prelude® Main Beams
9 – 48-in Cross Tees
9 – 24-in Cross Tees
5 – 72-in Wall Moldings
6 – NEW QuickHang™ Hooks
6 – NEW Joist Brackets
40 – Nails

NOTE: The metallic finish of the ceiling panels will have a different finish than the painted grid.

HOLD DOWN CLIPS 5400HDC
Hold Down Clips will hold panels flat and stop movement when air flow or vibration is a factor. Each carton contains enough clips to hold down 200 square feet of Metallaire suspended ceiling panels.

NOTE: Panel removal may be more difficult when using clips.

FINISHES

WH—WHITE  AM—CHROME  LS—LACQUERED STEEL  AR—BRASS  CP—COPPER
SURFACE MOUNT ACCESSORIES

CONE HEAD NAILS  5400N—add color suffix letters
Cone head nails are available in coordinating finishes to install a 24-in x 48-in 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.

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 Chrome (AM); Lacquered Steel (LS); Brass (AR); Copper (CP); White (WH) to the item number below.

GIRDER NOSING 5400800M

SMALL EGGS & DART 5400810M

LARGE EGG & DART 5400802M

TORCH 5400705M

For tips on how to install a Metallaire ceiling accent cloud, please visit ceilings.com/accentcloud

LARGE FLORAL CIRCLE 5424309NCP - NAIL-UP, COPPER (CEILING)

5424207NCP METALLAIRE™ FANS—NAIL-UP, COPPER (CEILING)

5424509NWH METALLAIRE™ HAMMERED BORDER – NAIL-UP, WHITE (CEILING)
**Features & Benefits**

- Beautiful 19th Century historical patterns
- Made of stainless steel, the best backsplash option
- Mold and mildew resistance
- Pre-cut at 18 1/2-in x 48 1/2-in to fit most standard kitchens
- Also ideal for other accent walls

**Backsplash or Wall Installation**

Use adhesive to attach the panels to the wall. If wall is uneven or damaged, backer material is recommended to create a smooth, stable mounting surface. Use just enough cone head nails to secure the panels to the wall while the adhesive sets up. (Do not remove nails.)

For backsplash/wall installation instructions and videos, please visit ceilings.com/installmetalwalls and ceilings.com/videos
**FEATURES & BENEFITS**

- 24-in x 24-in lightweight PVC (plastic) panel
- Sophisticated coffer look at a fraction of the cost of custom work
- Sag resistance
- Drywall perimeter border recommended for a high-end finished look (visit ceilings.com/coffersfaq for additional details)
- Class A Fire Performance: for residential use only
- Easy installation system provides access to pipes, ducts and wiring

**INSTALLATION SYSTEM**

- Tegular edge products minimize grid look
- Prelude® 15/16-in suspension system

For installation instructions, please visit ceilings.com/installation
For guidance on installing a drywall border around the coffered ceiling, please visit ceilings.com/coffersfaq

**DESIGN CONSIDERATIONS**

**Clearance:** You will need to have approximately 6-in of clearance above face of deep coffer (1280BXA, 1280BLBXA) or 3-in above shallow coffer (1282BXA, 1282BLBXA) panels.

**Lighting:** Easy Elegance™ panels work with most modern light fixtures. Leave 1/8-in gap between recessed light housing and panel.

**Cutting Panels for Border/Perimeter:** For a clean aesthetic look, cutting the Easy Elegance panels is not recommended. Two border solutions are recommended using mineral fiber drop ceiling panels or drywall to complete your look.

**Heat Source:** Do not install Easy Elegance™ panels in direct contact with open flame or a heat source that can exceed 130 degrees fahrenheit. Most recessed lighting options will meet this requirement, especially modern CFL (Compact Fluorescent Lighting) and LED lights.
STYLESTIX™ SUSPENDED CEILING GRID MOLDINGS

FEATURES & BENEFITS
• 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)

For details, please visit ceilings.com/stylestix

Decorative Look

24-in x 24-in DECORATIVE CEILINGS

1201 RAISED PANEL™
1202 SCALLOPED
1203 FLUTED
1205 SINGLE RAISED PANEL
1210 SINGLE RAISED PANEL
1206 TANGO
1270 CASCADE™
8008 TINCRAFT™ CIRCLES
8009 TINCRAFT™ SQUARES

For details, please visit ceilings.com/stylestix
DECORATIVE LOOK SUSPENDED (DROP) CEILINGS

8009 TINCRAFT™ SQUARES (CEILING)

Pictured: 8009 TinCraft™ Squares in narrow 9/16-in Suprafine® grid

FEATURES & BENEFITS
• Variety of decorative styles to enhance any décor
• Grid-blending design masks the industrial look of metal grid
• For a narrow grid look, 8009 and 1210 install on 9/16-in Suprafine® 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)

For installation instructions, please visit ceilings.com/installation

SMOOTH LOOK SUSPENDED (DROP) CEILINGS

SmoothLook

24-in x 24-in SMOOTH LOOK CEILINGS

8008 TINCRAFT™ CIRCLES (CEILING)

271 SAHARA™ (CEILING)

Pictured: 8009 TinCraft™ Squares in narrow 9/16-in Suprafine® grid

24-in x 24-in SMOOTH LOOK CEILINGS

• Ideal for basements and home theaters
• Mold and mildew resistance
• Sag resistance
• Acoustical; most absorb >50% of noise (except 973)
• Easy installation system provides access to pipes, ducts and wiring
• For a narrow grid look, 276 and 1231 install on 9/16-in Suprafine® grid
• 973 meets USDA guidelines for use in food processing areas

FEATURES & BENEFITS

269 SAND PEBBLE™
271 SAHARA™
276 SAHARA
273 SAHARA
271 SAHARA
490 YUMA WHITE™
492 YUMA WHITE
973 LUMAWASH®
1231 BRIGHTEX™ WITH AIRGUARD™
SmoothLook

24-in x 48-in SMOOTH LOOK CEILINGS

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 2-ft x 2-ft or a 1-ft x 1-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)

For installation instructions, please visit ceilings.com/installation
Textured Look

24-in x 24-in TEXTURED LOOK CEILINGS

FEATURES & BENEFITS

- Ideal for basements and home theaters
- Acoustical; most absorb >50% of noise (except 266)
- Easy installation system provides access to pipes, ducts and wiring
- 241, 928, 932, 954 and 1728BL offers economical high performance (sag, mold, and mildew resistance) and a range of visuals
TEXTURED LOOK SUSPENDED (DROP) CEILINGS

922 FINE FISSURED™ (CEILING)

FEATURES & BENEFITS
• Great for new, replacement and matching ceilings
• Many are acoustical; reduce noise 55%
• Non-directional image reduces labor and scrap (922, 933 and 9767)
• Easy installation system provides access to pipes, ducts and wiring
• 915 must be installed in a Fire Guard™ grid to achieve fire resistant UL ratings
• 922 offers economical high performance (sag, mold and mildew resistance) and a more subtle textured visual

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

24-in x 48-in FIBERGLASS CEILINGS

403 ESPRIT® FIBERGLASS
410 SONOFLEX™ RANDOM FISSURED™ FIBERGLASS
416 SONOFLEX™ ETCHED FIBERGLASS

FEATURES & BENEFITS
• Great for new, replacement and matching commercial applications
• Easy installation system provides access to pipes, ducts and wiring
• Acoustical; reduce noise >50%
• Superior sag, mold, and mildew resistance
• Offers a lightweight, easy to handle alternative to traditional mineral fiber ceiling options

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

For installation instructions, please visit ceilings.com/installation
12-in x 12-in TINLOOK CEILINGS

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

INSTALLATION SYSTEM
- Tongue & groove products have no visible grid
- Easy Up® installation system or adhesive

For installation instructions, please visit ceilings.com/installation

Painting will void warranty
SUSPENDED (DROP) CEILING INSTALLATION

• Need access above your ceiling?
• Have 3-in of headroom to spare?

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

INSTALLATION STEPS

1. Install wall molding
2. Suspend main beams with hanger wire or NEW QuickHang™ hardware*
   (shown above: QuickHang hooks and brackets)
3. Install cross tees
4. Install ceiling panels

*For residential use only

NEW QUICKHANG™ GRID HOOK AND INSTALLATION KITS

QUICKHANG GRID HOOK KITS
QuickHang™ hooks and brackets offer a new way to install a basement drop ceiling system directly to joists more quickly and easily than with hanger wire. The QuickHang system is available in two new accessory kits with different length hooks.

PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Item #</th>
<th>Product Name</th>
<th>Length (Inches)</th>
<th>Components/Kit</th>
<th>SF Per Kit*</th>
</tr>
</thead>
<tbody>
<tr>
<td>6367</td>
<td>QuickHang™ 6” Grid Hook Kit</td>
<td>6” Hook</td>
<td>6 Hooks 6 Brackets 20 Nails</td>
<td>(160 per individual kit)</td>
</tr>
<tr>
<td>6369</td>
<td>QuickHang™ 12” Grid Hook Kit</td>
<td>12” Hook</td>
<td>6 Hooks 6 Brackets 20 Nails</td>
<td>(160 per individual kit)</td>
</tr>
</tbody>
</table>

*Based on a 10’ x 16’ room; for residential use only

BENEFITS
• Works with any metal grid system that has hanger holes
• Fast and easy to install without the hassle of hanger wire
• Saves head room—only 2 1/2-in of drop needed
• Joist-mounted brackets allow you to easily level grid
• Flexible height system enables you to work around obstructions such as ductwork, pipes or cables

INSTALLATION STEPS

1. Attach bracket to joist using hammer tabs & nails*
2. Insert hook into bracket
3. Hang grid main beam on hook
4. Level grid by squeezing tabs & moving hook up or down

*Brackets can also be attached to the joist with a #5 Wood Screw through the center hole (screws sold separately.)

For an installation guide and video, visit ceilings.com/quickhang
SUSPENDED (DROP) CEILINGS—INSTALLATION

QUICKHANG INSTALLATION KITS
The new QuickHang™ installation kits have everything you need to install 64 sq. ft. of a 2’ x 2’ or 2’ x 4’ drop ceiling. These kits include the new residential QuickHang hooks and brackets.
NOTE: Not compatible with 6357WH, 6357BL, 6355WH
• 6362WH—2’ x 2’ QuickHang Installation Kit (White)
• 6362BL—2’ x 2’ QuickHang Installation Kit (Black)
• 6364WH—2’ x 4’ QuickHang Installation Kit (White)

BENEFITS
• Easy, DIY-friendly way to install a drop ceiling for professional-looking results
• Convenient, all-in-one kits include everything you need to install a drop ceiling
• Single person installation with lightweight, easy to handle 6’ main beams

INSTALL YOUR GRID SYSTEM IN 4 EASY STEPS
1 Install wall molding
2 Attach QuickHang™ bracket to joist and insert hook
3 Hang main beams on hooks
4 Install cross tees and level by adjusting hooks

For kit contents, see page 35
Please visit ceilings.com/projectestimator to access our online material estimator for ceiling panels
For a QuickHang installation kit estimating guide, please visit ceilings.com/quickhangguide

ALL-IN-ONE KIT: QUICKHANG HARDWARE AND GRID COMPONENTS

SUSPENDED (DROP) CEILING PRELUDE® 15/16-in INSTALLATION SYSTEM

<table>
<thead>
<tr>
<th>Prelude® Item#</th>
<th>Product Name</th>
<th>Color</th>
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<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>
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<tr>
<td>XL7328RWH</td>
<td>2-ft Stab Cross Tee</td>
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<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™ 15/16-in INSTALLATION SYSTEM

<table>
<thead>
<tr>
<th>Prelude Fire Guard Item#</th>
<th>Product Name</th>
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<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>
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<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>
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</table>
SUSPENDED (DROP) CEILINGS—INSTALLATION

SUSPENDED (DROP) CEILING SUPRAFINE®
9/16-in INSTALLATION SYSTEM

<table>
<thead>
<tr>
<th>Suprafine® Item#</th>
<th>Product Name</th>
<th>Color</th>
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<tbody>
<tr>
<td>7500RWH</td>
<td>12-ft Intermediate Duty Main Beam</td>
<td>White</td>
</tr>
<tr>
<td>XL7540RWH</td>
<td>4-ft Stab Cross Tee</td>
<td>White</td>
</tr>
<tr>
<td>XL7520RWH</td>
<td>2-ft Stab Cross Tee</td>
<td>White</td>
</tr>
<tr>
<td>7804RWH</td>
<td>12-ft Wall Molding</td>
<td>White</td>
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</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>6367</td>
<td>QuickHang™ 6&quot; Grid Hook Kit</td>
</tr>
<tr>
<td>6369</td>
<td>QuickHang™ 12&quot; Grid Hook Kit</td>
</tr>
<tr>
<td>UHDCA</td>
<td>Universal Hold Down Clip</td>
</tr>
<tr>
<td>UTCA</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>

NEW! QUICKHANG™ INSTALLATION KITS

<table>
<thead>
<tr>
<th>Kit Item#</th>
<th>Kit Name</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>6362WH</td>
<td>2’ x 2’ QuickHang™ Installation Kit</td>
<td>White</td>
</tr>
<tr>
<td>6362BL</td>
<td>2’ x 2’ QuickHang™ Installation Kit</td>
<td>Black</td>
</tr>
<tr>
<td>6364WH</td>
<td>2’ x 4’ QuickHang™ Installation Kit</td>
<td>White</td>
</tr>
</tbody>
</table>

Kits Include: NEW 72-in Prelude® Main Beams, 48-in Cross Tees, 24-in Cross Tees (except Kit 6364WH), 72-in Wall Moldings, NEW QuickHang™ Hooks, NEW Joist Brackets and 40 Nails. Everything you need to install 64 square feet of ceiling panels. NOTE: Ceiling panels are sold separately.

SURFACE MOUNT (DIRECT APPLY)—INSTALLATION

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 to an existing ceiling to save valuable inches of ceiling height. There are several installation methods available:

1 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)
1191SC – Easy Up Clips (135 clips per carton)

INSTALLATION STEPS

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

2 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.

*Henry and AcoustiGum are trademarks of W.W. Henry Company or its Affiliates*
SURFACE MOUNT (DIRECT APPLY)—INSTALLATION

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
• Best method for installing planks over popcorn ceilings

CALCULATE TRACKS AND CLIPS NEEDED

How to use the chart:  
<table>
<thead>
<tr>
<th>Example:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1  12-in x 12-in Tile</td>
</tr>
<tr>
<td>2  10-ft wide x 12-ft long room = 120 sf</td>
</tr>
<tr>
<td>3  1.10 lf of Track/sf</td>
</tr>
<tr>
<td>4  120 sf x 1.10 = 132 lf</td>
</tr>
<tr>
<td>5  132 lf/8-ft = 16.5 (17 Tracks) (each track = 8-ft length)</td>
</tr>
<tr>
<td>6  1.3 Clips/sf</td>
</tr>
<tr>
<td>7  120 sf x 1.3 = 156 Clips</td>
</tr>
<tr>
<td>8  156 Clips</td>
</tr>
</tbody>
</table>

NOTE: 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.

<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>

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

Download a copy of the Easy Up® Installation System Estimating Guide at ceilings.com/estimateeasyup

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

SURFACE MOUNT (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™ INSTALLATION OPTIONS

INSTALL ON CEILINGS 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 on how to install planks on a sloped ceiling.

2 EASY UP® TRACKS AND CLIPS

The Easy Up® installation system is fast and easy with snap-on (vs. screw-in) clips, and is the recommended method to install planks over drywall, plaster or popcorn ceilings.

Item #1190 (20 tracks per carton)
Item #1191 (360 clips per carton) or
Item #1191SC (135 clips per carton)

3 INSTALLATION STEPS TO COVER BASEMENT GRID

Transform an existing 15/16-in suspended (drop) ceiling using Easy Up® clips and WoodHaven™ planks.

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 smoothly.

Visit ceilings.com to order a sample Easy Up clip to test your grid for a snug fit.

Visit ceilings.com/videos to view WoodHaven installation videos for ceiling and wall applications

DESIGN/SPACE CONSIDERATIONS

• Material needs 2-3 days to acclimate to room conditions
• In ceiling applications, do not attach planks directly to roof structures, molding or walls
• Long runs of 21-ft or more require expansion joints

1264 WOODHAVEN™ RUSTIC PINE (CEILING)
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 absorption and blocking performance?
Armstrong acoustical ceiling tiles can be painted, but the performance will change. A light coating of paint applied with a sprayer or aerosol can is the best way to avoid impeding the absorption. While heavy paint that fills the holes and seals the surface will eliminate absorption, it will increase the blocking properties of the tile.

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 WoodHaven™ 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 WoodHaven™ 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)