# MINERAL FIBER AND FIBERGLASS – STANDARD

## At-a-Glance

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*Product information listed pertains to product families, and may not apply to individual items. Consult product details at armstrongceilings.com/commercial before specifying/purchasing.*

Look for this icon indicating new products or new additions to product families. Visit our web site for details.
STANDARD MINERAL FIBER CEILINGS (continued)

GEORGIAN™
GEORGIAN™ High Washability
Pgs. 322-323

KITCHEN ZONE™
Pgs. 326-327

MESA™
MESA™ Second Look® II
Pgs. 340-341

School Zone® FINE FISSURED™
School Zone® GEORGIAN™
Pgs. 370-371

TUNDRA®
Pgs. 374-375

ULTIMA®
ULTIMA® with AirGuard™ Coating
Pgs. 376-383

ULTIMA® High NRC
Pgs. 376-383

ULTIMA® Vector®
Pgs. 384-385

ULTIMA® Health Zone™
Pgs. 386-389

FIBERGLASS

LYRA® with Plant-Based Binder
LYRA® High CAC with Plant-Based Binder
Pgs. 330-335

LYRA® Vector
Pgs. 336-337

LYRA® Concealed
Pgs. 338-339

ICON KEY
Icons are used throughout the catalog to help you quickly identify key product attributes.

High Acoustics
Total Acoustics®
Product has both NRC of 0.60 or greater and CAC of 35 or higher.

NRC
Product has NRC (Noise Reduction Coefficient) 0.70 or greater.

CAC
Product has CAC (Ceiling Attenuation Class) of 35 or higher.

Product has AC (Articulation Class) 170 or greater.

Fire Performance
Fire Guard™/Fire Resistive products tested in specific UL floor/ceiling or roof/ceiling design assemblies.

Seismic
Category D, E & F

High Light Reflectance
Light reflectance average of 0.45 or greater. White only.

BioBlock®
Resists growth of mold and mildew. Panels with BioBlock Plus performance also resist odor and stain-causing bacterial growth.

Humidity/Sag Resistance
HumGuard® Max
Maximum humidity resistance, including outdoor applications.

HumGuard Plus
Superior sag resistance, recommended for areas subject to high humidity, up to standing water and outdoor applications.

Standard
Standard performance, adequate where the building is enclosed and the HVAC is continually functioning.

High Durability
Water-Repellent
Product resists water for 15 minutes allowing proper cleaning for infection control.

Washability
Offers superior wash resistance without compromising panel finish integrity, using a washability tester as per ASTM D4828.

Scrubability
Withstands up to 150 scrub cycles using a scrubability tester as per ASTM D486.

Impact Resistance
Excellent resistance to surface impact as per striking ball test.

Scratch Resistance
Excellent resistance to surface scratching, scuffing or chipping as per Hess Rake Test.

Soil Resistance
Excellent resistance to dirt and/or grease; for lasting value and performance as per simulated air diffuser soiling test.

Plenum Access
Downward access for panels minimizes panel damage.

Color Availability
Available in color.

Sustainability
Product is part of Sustain® Portfolio and meets the most stringent sustainability compliance standards today – White and 13 Sustain® colors only.

Product has Ceiling-2-Ceiling™ post-consumer recycled content from reclaimed ceilings.

Product is manufactured with a plant-based binder.

Product is treated with AirGuard™ coating.

Product is recyclable through the Armstrong Ceilings Recycling Program.

Relative Pricing
(Mineral Fiber / Fiberglass)
Contact your local representative or distributor for specific pricing in your area. 1 $ = lowest pricing 4 $ = highest.
### STANDARD FIBERGLASS CEILINGS

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<td>OPTIMA® Vector®</td>
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<tr>
<td>OPTIMA® Vector® with Plant-Based Binder</td>
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<td>OPTIMA® Concealed</td>
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<td>OPTIMA® Health Zone™</td>
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<tr>
<td>PAINTED NUBBY™</td>
<td><img src="image7" alt="Image" /></td>
<td>364-365</td>
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<tr>
<td>PEBBLE™</td>
<td><img src="image8" alt="Image" /></td>
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<td>RANDOM FISSURED™</td>
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<tr>
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*(featured in Direct-Attach Panels)*

### CUSTOM AND NON-STANDARD OPTIONS

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MINERAL FIBER CEILINGS – DESIGN OPTIONS
At-a-Glance

GEOMETRIC DESIGNS

GRAPHIS® Finetex™ Cubic
Pgs. 324-325

GRAPHIS® Finetex™ NeoCubic™
Pgs. 324-325

GRAPHIS® Finetex™ Wrapped Linear™
Pgs. 324-325

GRAPHIS® Rustex™ Cubic Beveled
Pgs. 324-325

GRAPHIS® Rustex™ Linear Beveled
Pgs. 324-325

TIN LOOKS

TINCRAFT™ Circles with Faux Coat Finish
Pgs. 372-373

TINCRAFT™ Squares
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TINCRAFT™ Triangles
Pgs. 372-373

LEDGES®
Pgs. 328-329

ETCHED DESIGNS

CIRRUS® Themes™ Critters™
Pgs. 296-297

CIRRUS® Themes™ Leaves™
Pgs. 296-297

CIRRUS® Themes™ Stars™
Pgs. 296-297

CIRRUS® Themes™ Things That Fly™
Pgs. 296-297

CIRRUS® Themes™ Under the Sea™
Pgs. 296-297

SCORED DESIGNS

Second Look® I – CIRRUS®, CORTEGA®, DUNE™, and FINE FISSURED™
Pgs. 294-295, 300-301, 309, 320

Second Look® II – CIRRUS®, CORTEGA®, DUNE™, FINE FISSURED™, and MESA™
Pgs. 294-295, 300-301, 309, 320, 340, 341

Second Look® III – CIRRUS®, FINE FISSURED™
Pgs. 294-295, 320
MINERAL FIBER CEILINGS – PRINTED IMAGES & PAINTED COLORS

At-a-Glance

CREATE!™ PRINTED IMAGES

WOOD LOOKS

ULTIMA® Health Zone™ Create!™
Pgs. 302-304

PRINTED IMAGES

ULTIMA® Create!™, ULTIMA Health Zone™ Create!™
and OPTIMA® Create!™
Pgs. 302-304

PRINTED MESSAGES

Call, Don’t Fall
Evite Caer, Llamenos
Call, Don’t Fall

See our 12 options or provide your own art. See armstrongceilings.com/create.

PAINTED COLORS

INTEGRATED COLOR FOR PANELS, SUSPENSION SYSTEMS, AND TRIM

You can specify whatever color you want, and it can be integrated across panels, suspension systems, and trim.

Colorations® colors are now Sustain colors for mineral fiber panels.

NOTE: Replacement panels may vary slightly in color due to material variations over time. Product could have slight color variation from run to run; adequate attic stock should be ordered.

DesignFlex™ MINERAL FIBER & FIBERGLASS CEILINGS

Choose whatever color you want – for panels, suspension, and trims – with DesignFlex™ Ceiling Systems!

CALLA® Shapes for DesignFlex™
Pgs. 134-137

LYRA® Shapes for DesignFlex™
Pgs. 138-141

Available in any color!
ACOUSTIBuilt™ Seamless Acoustical Ceiling System
fine texture

New seamless acoustical ceiling system offering monolithic visual and Total Acoustics® performance.

KEY SELECTION ATTRIBUTES
- Look of drywall in a seamless acoustical ceiling
- Get total noise control and floor plan versatility with Total Acoustics® ceiling panel options: NRC + CAC = Total Acoustics Performance
- Finished ACOUSTIBuilt™ panels are part of the Sustain® portfolio and meet the most stringent sustainability compliance standards today
- Smooth non-directional, monolithic, drywall-like visual
- Installed system achieves acoustical performance of up to NRC (0.70) and CAC (48)
- Quick, easy panel installation using Armstrong® Drywall Grid
- Similar installation and finishing methods to drywall ceilings
- Easier to install than acoustical plaster at a lower cost
- Can be installed with most any drywall compatible light fixture including those fixtures from our partners:
  - Axis
  - USAI
  - XAL
  - Price

TYPICAL APPLICATIONS
- Offices
- Lobbies
- Education
- Exposed Structure
- Retail
- Hospitality

FINE TEXTURE FINISH FOR ACOUSTIBuilt™ PANELS

White (WH)
**ACOUSTIBuilt™**
Seamless Acoustical Ceiling System
fine texture

**VISUAL SELECTION**

<table>
<thead>
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<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/8&quot; Tapered Edge</td>
<td>2604</td>
<td>48 x 72 x 7/8&quot;</td>
</tr>
</tbody>
</table>

**PERFORMANCE SELECTION**

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics1</th>
<th>Fire Performance</th>
<th>Sound Blocking</th>
<th>Mold &amp; Mildew Protection</th>
<th>Moisture Resistance</th>
<th>High Humidity Guard+</th>
<th>Humidity Resistance</th>
<th>VOC Emissions</th>
<th>Wash</th>
<th>Scratch</th>
<th>Soil</th>
<th>Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.80*</td>
<td>+ CAC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N/A</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>

1 Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound blocking performance in one product.

* Unfinished ACOUSTIBuilt™ Panels are UL® classified as an 0.80 NRC. Following the installation instructions, the field finished system performance is expected to be up to a 0.70 NRC.

**SUSPENSION SYSTEMS – Order Separately**

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<th>Item No.</th>
<th>Description</th>
<th>Required for Install</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD8906</td>
<td>12' HD Drywall Main Beam</td>
<td>Yes</td>
</tr>
<tr>
<td>X8L945P</td>
<td>4' Drywall Cross Tee</td>
<td>Based on layout</td>
</tr>
<tr>
<td>X8L965</td>
<td>6' Drywall Cross Tee</td>
<td>Based on layout</td>
</tr>
<tr>
<td>KAM</td>
<td>Ceiling to wall trim (if necessary)</td>
<td>Based on layout</td>
</tr>
</tbody>
</table>

**ACCESSORIES AND PERIMETER TRIMS – Order Separately**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Required for Install</th>
</tr>
</thead>
<tbody>
<tr>
<td>2605WH</td>
<td>Fine Texture Finish for ACOUSTIBuilt™ Panels</td>
<td>For every 10 panels (240 SF) - order 1 pail (4 gal.)</td>
</tr>
<tr>
<td>2119</td>
<td>Grip-Plate® Washers for ACOUSTIBuilt™ Panels (1-1/4&quot; diameter)</td>
<td>For every 10 panels (240 SF) - order 1 bag (250 pcs)</td>
</tr>
<tr>
<td>AX1PC_STR</td>
<td>Axiom® One-Piece Drywall Trim available for 4&quot; and 6&quot; heights – straight or curved</td>
<td>Based on layout</td>
</tr>
<tr>
<td>AX1PC_CUR</td>
<td>Axiom® Classic available for 2&quot;-16&quot; heights (2&quot; increments) – straight or curved</td>
<td>Based on layout</td>
</tr>
<tr>
<td>AX_BTASTR</td>
<td>Axiom® Bottom Trim for ACOUSTIBuilt™ – straight or curved</td>
<td>Required for Axiom Classic Trim, Axiom Transitions Trim, and Axiom Light Coves</td>
</tr>
</tbody>
</table>

**STANDARD ACCESSORIES BY OTHERS – Order Separately**

<table>
<thead>
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<th>Item No.</th>
<th>Description</th>
<th>Required for Install</th>
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</thead>
<tbody>
<tr>
<td>Screws</td>
<td># 6 x 1-1/4&quot; fine thread, corrosion resistant drywall screws</td>
<td>Yes</td>
</tr>
<tr>
<td>Setting-Type Compound</td>
<td>Drywall joint compound</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Drying-Type Compound**
Premixed ultra light weight drywall joint compound – Yes

**Tape**
Self-adhesive mesh drywall joint tape – Yes

**Hanger Wires**
12 gauge hanger wires –
ACOUSTIBuilt™
Seamless Acoustical Ceiling System
fine texture

ASSEMBLY AND INSTALLATION OVERVIEW

1. Attach ACOUSTIBuilt™ Panels to Armstrong® Drywall Grid with Screws and Grip-Plate® Washers

2. Finish Taped Joints and Washers with Compound

3. Spray-apply Fine Texture Finish for ACOUSTIBuilt™

PHYSICAL DATA

Material: Wet-formed mineral fiber
Fire Performance: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.
ASTM E1264 Classification: Type IV, Form 2, Pattern G
Fire Class A
Humidity/Sag Resistance: HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
Mold/Mildew Protection: Panels with Fine Texture Finish offer BioBlock® performance and resist the growth of mold and mildew.
High Recycled Content: Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

VOC Emissions: GREENGUARD Gold Certified

Acoustical Considerations: Unfinished ACOUSTIBuilt™ panels are UL® classified as an 0.80 NRC. Following the installation instructions, joint compound is field applied to at least 30% of the system before Fine Texture Finish is spray applied. Depending on the layout of the room and fixtures, the expected system performance is up to a 0.70 NRC. Excessive integrations and/or small enclosed spaces where the ceiling is more spackle than open area will result in degradation of sound absorption. ACOUSTIBuilt™ panels absorb the most sound when installed as full panels. Plan the layout to minimize panel joints and fixture integrations which cover the surface of the ceiling.

Insulation Value:
- R Factor – 2.2 (BTU Units)
- R Factor – 0.39 (Watts Units)

10-Year Panel Warranty: Details at armstrongceilings.com/acoustibuilt

Weight: Square Feet/Carton
- 2604 – 1.1lbs/SF; 240 SF/ctn

Minimum Order Quantity:
- 1 carton (10pcs)

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Declare® is a service mark of The International Living Future Institute.
Grip-Plate® is a trademark of Rodenhouse, Inc.
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TechLine / 1 877 276-7876
armstrongceilings.com/acoustibuilt
BPCS-5940-519

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**ARMATUFF®**
Square Lay-in coarse texture

**VISUAL SELECTION**

<table>
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<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>ARMATUFF®</td>
<td></td>
<td>861</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>860</td>
<td>24 x 48 x 3/4&quot;</td>
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**Size Capabilities**

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
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<tbody>
<tr>
<td>3/4&quot; Thick</td>
<td></td>
</tr>
<tr>
<td>6&quot; - 45&quot;</td>
<td>12&quot; - 60&quot;</td>
</tr>
</tbody>
</table>

**PERFORMANCE SELECTION**

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<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Impact Factor</th>
<th>Reflect</th>
<th>Mold &amp; Mildew Protection</th>
<th>Sag Resistance</th>
<th>Certified Low VOC Emissions</th>
<th>Recycled Content</th>
<th>30 Year Warranty</th>
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<tr>
<td>NRC</td>
<td>0.50</td>
<td>33</td>
<td>Class A</td>
<td>0.87</td>
<td></td>
<td></td>
<td>0.87</td>
<td>Std</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.50</td>
<td>35</td>
<td>Class A</td>
<td>0.87</td>
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<td></td>
<td>0.87</td>
<td>Std</td>
<td></td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Class A</td>
<td>0.87</td>
<td></td>
<td></td>
<td>0.87</td>
<td>Std</td>
<td></td>
</tr>
</tbody>
</table>

**ACCESSORIES**

414 - Retention Clip (ordered separately)
Attaches to main beams and cross tees behind lay-in ceilings; helps prevent panel displacement from non-deliberate contact by basketballs and other forces from below the ceiling.

**PHYSICAL DATA**

- **Material**: Wet-formed high-density mineral fiber
- **Surface Finish**: Factory-applied latex paint
- **Fire Performance**: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. UL labeled
- **ASTM E1264 Classification**: Type III, Form 2, Pattern E
- **Fire Class A**:
- **Humidity/Sag Resistance**: HumiGuard®

**ACCOMMODATION TO HIGH HUMIDITY**

Areas subject to high humidity, up to, but not including, standing water and outdoor applications.

**Mold/Mildew Protection**

Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

**VOC Emissions**


**Insulation Value**

R Factor – 1.7 (BTU units)
R Factor – 0.30 (Watts units)

**30-Year Performance Guarantee & Warranty**

As represented for more details.

**METRIC ITEMS AVAILABLE**

861M, 860M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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ALTITUDES® Torsion Spring
Custom Concealed Ceiling System
smooth texture

A ceiling system with a monolithic look from sag-resistant, large custom-size panels.

KEY SELECTION ATTRIBUTES

- Easily installs with standard Prelude® 15/16” suspension system
- Monolithic look with sag-resistant, large size panels
- Sizes up to 48” x 96” with or without upturns
- Shaped/curved panels available*
- Excellent acoustical performance – NRC (0.85)
- Wide variety of color options available
- Smooth, clean, durable finish
- Downward accessible with tool
- Energy-saving high light-reflective finish (White)
- Non-directional visual

* Two opposite sides of panel must be straight

COLOR SELECTION

CUSTOM FINISHES

Due to printing limitations, shade may vary from actual product.

Available in any color!
ALTITUDES® Torsion Spring
Custom Concealed Ceiling System
smooth texture

INSTALLATION DETAILS

Approximately 7" of clearance is needed to accommodate this system.

Design Support
Project management assistance is available by calling TechLine at 1 877 276-7876.

Seismic Restraint
System has been designed, tested, and approved. See full installation instructions for seismic requirements.

Warranty
Details at armstrongceilings.com

Weight; Square Feet/Carton
1.25 lbs/SF; Bulk crated

PHYSICAL DATA

Material
Aluminum framed 6-7 pcf fiberglass and 16-20 pcf impact-resistant molded fiberglass with polypropylene based vapor barrier

Surface Finish
Factory-applied latex paint

Fire Performance
Class A per IBC. Flame Spread Index 25 or less and Smoke Developed Index 50 or less when tested in accordance with ASTM E84 (painted, face only).

CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less and Smoke Developed Index of 50 or less (painted, face only).

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

Recycled Content
35% recycled content with minimum 9% post-consumer content.

Design Consideration
Shape panels are available, however, the panel must have two straight sides opposite each other. Other sides may be curved.

Installation Considerations
Clean, white gloves should be worn when installing panels to keep them free from dust or soiling.
The smoothest finish mineral fiber ceiling available with Total Acoustics® performance — excellent noise reduction and sound blocking in one product.

**KEY SELECTION ATTRIBUTES**

- **DESIGNFlex™** options include shapes, made-to-order sizes, and colors available to ship in 3 weeks
- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance™
- Calla® panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- Excellent combination of acoustical performance; NRC (up to 0.90), and CAC (35)
- USDA-Certified Biobased Product — 59%
- Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Product can be recycled through the Armstrong Ceilings Recycling Program
- Compatible with the TechZone® Ceiling Systems
- 30-Year Limited System Warranty against visible sag, mold, and mildew

**COLORS AVAILABLE**

Due to printing limitations, shade may vary from actual product.

- White (WH)
- Black
- Available in any color!

**DETAILS**

(Other Suspension Systems compatible. Refer to listing on page 275.)
**VISUAL SELECTION**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CALLA® Square Lay-in</td>
<td>1</td>
<td>2820</td>
<td>24 x 24 x 1&quot;</td>
<td>0.85 35 BEST 170 Class A 0.86</td>
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<td>2884</td>
<td>24 x 72 x 1&quot;</td>
<td>0.85 35 BEST 170 Class A 0.86</td>
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**SUSPENSION SYSTEMS**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prelude® XL®</td>
<td>24&quot; – 30&quot;</td>
<td>120&quot;</td>
</tr>
</tbody>
</table>

**PHYSICAL DATA**

<table>
<thead>
<tr>
<th>Material</th>
<th>Wet-formed mineral fiber with acoustically transparent membrane</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Finish</td>
<td>Acoustically transparent membrane with factory-applied latex paint</td>
</tr>
<tr>
<td>Fire Performance</td>
<td>ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 30 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E File Class A</td>
</tr>
<tr>
<td>Humidity/Sag Resistance</td>
<td>HumiGuard® PLUS ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.</td>
</tr>
<tr>
<td>Mold/Mildew Protection</td>
<td>Ceiling panels with BioBlock® performance resist the growth of mold and mildew.</td>
</tr>
<tr>
<td>Acoustical Performance</td>
<td>CAC testing conducted using Prelude® XL® suspension system for 15/16&quot; edge detail and Silhouette® suspension system for 9/16&quot; edge detail. NRC test conducted using white panels. Painted panels may experience a slight reduction in NRC due to the color painting process.</td>
</tr>
<tr>
<td>High Recycled Content</td>
<td>Classified as containing greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.</td>
</tr>
<tr>
<td>Insulation Value</td>
<td>R Factor – 2.9 (BTU units)</td>
</tr>
<tr>
<td>30-Year Performance Guarantee &amp; Warranty</td>
<td>When installed with Armstrong® Suspension System. Details at armstrongceilings.com</td>
</tr>
<tr>
<td>Weight; Square Feet/ Carton</td>
<td>2844 – 1.7 lbs/SF; 24 SF/ctn</td>
</tr>
<tr>
<td>Minimum Order Quantity</td>
<td>1 carton</td>
</tr>
</tbody>
</table>

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Calla® Square Tegular panels with Suprafine® 9/16” suspension system (Pgs. 466-467)

The smoothest finish mineral fiber ceiling available with Total Acoustics® performance – excellent noise reduction and sound blocking in one product.

KEY SELECTION ATTRIBUTES
- DESIGNFlex™ options include shapes, made-to-order sizes, and colors available to ship in 3 weeks
- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance™
- Calla® panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- Excellent combination of acoustical performance; NRC (up to 0.90), and CAC (35)
- USDA-Certified Biobased Product – 59%
- Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Product can be recycled through the Armstrong Ceilings Recycling Program
- Compatible with the TechZone® Ceiling Systems
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- 10-Year replacement panel available for item 2824

COLORS AVAILABLE
- White (WH)
- Black
- Available in any color!

DETAILS
- (Other Suspension Systems compatible. Refer to listing on page 277.)

CALLA®
Tegular
smooth texture

TOTAL ACOUSTICS®
- Sound Absorption (NRC)
- Sound Masking (CAC)

SUSTAIN®
High Performance Sustainable Ceiling Systems

DESIGNFlex™
A New World of Choice for Ceiling Systems

See Calla® Shapes Page 134-137
Personalize Your Design!
Mix and match different sizes, shapes, colors and materials to reinvent your ceiling. More at: armstrongceilings.com/designflex

armstrongceilings.com/capabilities
See more photos at: armstrongceilings.com/photogallery

Calla® Square Tegular
CALLA®

Tegular

smooth texture

VISUAL SELECTION

<table>
<thead>
<tr>
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<tr>
<td>CALLA® Tegular</td>
<td>15/16” Square Tegular</td>
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<td>24 x 24 x 1”</td>
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<tr>
<td></td>
<td>8228BK</td>
<td>8</td>
<td>2823</td>
<td>24 x 48 x 1”</td>
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<tr>
<td></td>
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<td>24 x 60 x 1”</td>
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<tr>
<td></td>
<td>8485</td>
<td>8</td>
<td>2858</td>
<td>24 x 72 x 1”</td>
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<table>
<thead>
<tr>
<th>CALLA® Size Capabilities</th>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16” Made-to-Order Sizes &amp; Colors (3 Wks)</td>
<td>4” – 11-1/2”</td>
<td>12” – 72”</td>
</tr>
<tr>
<td></td>
<td>12” – 30”</td>
<td>4” – 72”</td>
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<tr>
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<td>30-1/2” – 48”</td>
<td>4” – 24”</td>
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PERFORMANCE SELECTION

Dots represent high level of performance.

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustical Class</th>
<th>Fire Performance</th>
<th>Mold &amp; Mildew Protection</th>
<th>Sag Resistance</th>
<th>Scratch Impact</th>
<th>Wash Durability</th>
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<tbody>
<tr>
<td>0.85 35</td>
<td>BEST 170</td>
<td>A</td>
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<td></td>
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<tr>
<td>0.85 35</td>
<td>BEST 170</td>
<td>A</td>
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<td>0.85 35</td>
<td>BEST 170</td>
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<tr>
<td>0.85 35</td>
<td>BEST 170</td>
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<td>0.85 35</td>
<td>BEST 170</td>
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</tbody>
</table>

SUSPENSION SYSTEMS

15/16” Prelude® XL®
9/16” Silhouette® XL®
1/8” Reveal
Silhouette XL 1/8” Reveal
Suprafine®
Interlude® XL® HRC
Sonata® XL®

PHYSICAL DATA

Material
Wet-formed mineral fiber with acoustically transparent membrane

Surface Finish
Acoustically transparent membrane with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

ASTM E1264 Classification
Type IV, Form 2, Pattern E

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

VOC Emissions
GREENGUARD Gold Certified
Third-party certified compliant with California Department of Public Health CDPH/HLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEEDs.

Acoustical Performance
CAC testing conducted using Prelude® XL® suspension system for 15/16” edge detail and Silhouette® suspension system for 9/16” edge detail. NRC test conducted using white panels. Painted panels may experience a slight reduction in NRC due to the color painting process.

High Recycled Content
Classified as containing greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.
CALLA® Tegular

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Made-to-Order Sizes &amp; Colors (3 Wks)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALLA® Tegular</td>
<td>1 CTN MIN</td>
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<tr>
<td></td>
<td>4” – 11-1/2”</td>
</tr>
<tr>
<td></td>
<td>12” – 30”</td>
</tr>
<tr>
<td></td>
<td>30-1/2” – 48”</td>
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**PERFORMANCE SELECTION**

Data represent high level of performance.

<table>
<thead>
<tr>
<th>UL Classified Material</th>
<th>Insulated Acoustics</th>
<th>Fire Performance</th>
<th>Light Weight</th>
<th>Humidity Resistance</th>
<th>Sag Resistance</th>
<th>Protect Plus</th>
<th>Certified Low VOC Emissions</th>
<th>Wash</th>
<th>Impact</th>
<th>Scratch</th>
<th>Soil</th>
<th>Recyclability</th>
<th>30-Year Warranty</th>
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</thead>
<tbody>
<tr>
<td>Calla® Tegular</td>
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<tr>
<td>2856</td>
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<tr>
<td>2859</td>
<td>24” x 60” x 1”</td>
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</tr>
<tr>
<td>2866</td>
<td>24” x 72” x 1”</td>
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<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**SUSPENSION SYSTEMS**

- 15/16” Prelude® XL®
- 9/16” Silhouette® XL® Reveal
- Silhouette XL 1/8” Reveal
- Suprafine®
- Interlude® XL® HRC
- Sonata® XL®

**PHYSICAL DATA**

| Material | Wet-formed mineral fiber with acoustically transparent membrane. |
| Surface Finish | Acoustically transparent membrane with factory-applied latex paint. |
| Fire Performance | ASTM E84 and CAN/ULC S102. Flame-burning characteristics. |
| Humidity/Sag Resistance | High Recycled Content: 50% total recycled content. |
| Mold/Mildew Protection | Class A. |

**VOC Emissions**

- GREENGUARD Gold Certified
- Class A: Class A designation is based on results of testing using the GREENGUARD Gold Certification Program. It does not confirm that the product is safe for use in all environments. Only the highest performing environmental products and materials can achieve this level of performance.

**Design Consideration**

Combining materials with different run dates may result in shade variations. Order attic stock for any anticipated future needs.

**30-Year Performance Guarantee & Warranty**

When installed with Armstrong® Suspension System. Details at armstrongceilings.com.

**Weights and Dimensions**

- 2816: 7 lbs/SF; 80 SF/carton
- 2824: 1.0 lbs/SF; 40 SF/carton
- 2825: 1.0 lbs/SF; 48 SF/carton
- 2856: 1.0 lbs/SF; 50 SF/carton
- 2859: 1.0 lbs/SF; 80 SF/carton
- 2866: 1.0 lbs/SF; 72 SF/carton

**Minimum Order Quantity**

1 carton

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CALLA®
Tegular
smooth texture

It's all Online: armstrongceilings.com/patterngallery

As part of our new DesignFlex™ portfolio, we now offer the same smooth textured Calla® ceilings in an endless array of colors, shapes, and sizes. All shipped in three weeks! Your design options are virtually unlimited. See our Calla® Shapes product page in the new DesignFlex™ section of this catalog on pages 134-137. Visit our online Pattern Gallery and choose one of our predesigned patterns or create one that is uniquely yours.
CALLA® Vector® smooth texture

KEY SELECTION ATTRIBUTES

• DESIGNFlex™ options include made-to-order sizes and colors available to ship in 3 weeks
• Smoothest mineral fiber panel available
• Calla® Vector® panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
• 1/4” reveal resulting in a monolithic appearance
• Vector Trim Kit in Blizzard White finish for easy installation and bright visual
• Washable, scratch-resistant, soil-resistant
• Excellent sound absorption – NRC (0.80)
• Downward accessible for minimal plenum height
• USDA Certified Biobased Product – 59%
• Product can be recycled through the Armstrong Ceilings Recycling Program
• 30-Year Limited System Warranty against visible sag, mold, and mildew

COLORS AVAILABLE

Due to printing limitations, shade may vary from actual product.

DETAILS

1. Calla® Vector®
2. Calla® Vector® with Prelude® 15/16” suspension system

Calla® Vector® panels with Prelude® 15/16” suspension system (Pgs. 458-459)

Calla® Vector® panels are great for projects where plenum space is limited and a sleek, monolithic visual is desired.
CALLA® Vector®
smooth texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
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</thead>
<tbody>
<tr>
<td>CALLA® Vector®</td>
<td>1/4&quot; Reveal with 15/16&quot; Vector</td>
<td>73 2814</td>
<td>24 x 24 x 1&quot;</td>
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<tr>
<td>CALLA® Vector®</td>
<td></td>
<td>73 2815</td>
<td>24 x 48 x 1&quot;</td>
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Size Capabilities

<table>
<thead>
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<tbody>
<tr>
<td>4&quot; – 11-1/2&quot;</td>
<td>12&quot; – 48&quot;</td>
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<tr>
<td>12&quot; – 24&quot;</td>
<td>4&quot; – 48&quot;</td>
</tr>
<tr>
<td>24-1/2&quot; – 48&quot;</td>
<td>4&quot; – 24&quot;</td>
</tr>
</tbody>
</table>

Vector Hold-down Clips & Made-to-Order Sizes & Colors (3 Wks)

1 7/8" Thick

1 CTN MIN

1 CTN MAX

ACCESSORIES (must be ordered separately)

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Pcs/Ctn</th>
</tr>
</thead>
<tbody>
<tr>
<td>442A</td>
<td>Vector Hold-down Clip (for all installations)</td>
</tr>
<tr>
<td>443</td>
<td>Calla® Vector® Border Clip</td>
</tr>
<tr>
<td>522</td>
<td>Midpoint Clip (Needed for panels over 30&quot; wide)</td>
</tr>
<tr>
<td>7425</td>
<td>24&quot; Stabilizer Bar</td>
</tr>
<tr>
<td>7445</td>
<td>48&quot; Stabilizer Bar</td>
</tr>
<tr>
<td>7870</td>
<td>Spring Border Clip (For installations with the panel resting on the wall molding)</td>
</tr>
</tbody>
</table>

PHYSICAL DATA

Material

Wet-formed mineral fiber with an acoustically transparent membrane.

Surface Finish

Acoustically transparent membrane with factory-applied latex paint.

Fire Performance

ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E Fire Class A

Humidity/Sag Resistance

HumidGuard® Plus clips are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Mold/Mildew Protection

Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

VOC Emissions

GREENGUARD Gold Certified


Acoustical Performance

CAC testing conducted using Prelude® XL® suspension system.

High Recycled Content

Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value

R Factor – 2.9 (BTU units)

R Factor – 0.445 (Watts units)

Design Consideration

Combining materials with different run dates may result in shade variations. Order attic stock for any anticipated future needs.

30-Year Performance Guarantee & Warranty

When installed with Armstrong® Suspension System. Details at armstrongceilings.com

Weight: 2814 – 1.0 lbs/SF; 40 SF/ctn

BPCS-5676-419
The smoothest finish mineral fiber ceiling available with Total Acoustics® performance — excellent noise reduction and sound blocking in one product.

**KEY SELECTION ATTRIBUTES**

- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance™
- Calla® High NRC panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- Excellent combination of acoustical performance; NRC (0.90) and CAC (35)
- Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Product can be recycled through the Armstrong Ceilings Recycling Program
- Compatible with the TechZone® Ceiling Systems
- 30-Year Limited System Warranty against visible sag, mold, and mildew

**COLOR**

- White (WH)

**DETAILS**

1. Calla® High NRC Square Lay-in
2. Calla® High NRC Square Tegular
CALLA® High NRC
Square Lay-in & Tegular
smooth texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
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<td>CALLA® High NRC Square Tegular</td>
<td>15/16&quot;</td>
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<td>24 x 24 x 1-3/4&quot;</td>
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<td>9/16” Square Tegular</td>
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PERFORMANCE SELECTION

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<th>Total Acoustics Class</th>
<th>Fire Resistance</th>
<th>Mold &amp; Mildew Protection</th>
<th>Sag Resistance</th>
<th>Wind Low Pressure Wash</th>
<th>Wash</th>
<th>Impact</th>
<th>Scratch</th>
<th>Soil</th>
<th>Recycled Content</th>
<th>Recycle Program</th>
<th>30-Yr Warranty</th>
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<tr>
<td>0.90 35</td>
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</tbody>
</table>

^ Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. GOOD (NRC 0.60-0.65; CAC 35+) BETTER (NRC 0.70-0.75; CAC 35+) BEST (NRC 0.80+; CAC 35+)

SUSPENSION SYSTEMS

<table>
<thead>
<tr>
<th>15/16”</th>
<th>9/16”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prelude® XL®</td>
<td>Silhouette X® XL® 1/4&quot; Reveal</td>
</tr>
<tr>
<td>Silhouette X® XL® 1/8&quot; Reveal</td>
<td>Suprafine®</td>
</tr>
<tr>
<td>Interlude® XL® HRC</td>
<td>Sonata® XL®</td>
</tr>
</tbody>
</table>

PHYSICAL DATA

Material
Wet-formed mineral fiber with acoustically transparent membrane

Surface Finish
Acoustically transparent membrane with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics, Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

ASTM E1264 Classification
Type IV, Form 2, Pattern E Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

VOC Emissions
GREENGUARD Gold Certified

Insulation Value
R Factor – 5.83 (BTU units) R Factor – 1.03 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

High Recycled Content
Classified as containing greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

LEED®
Calculate LEED contribution at armstrongceilings.com/greengenie

Minimum Order Quantity
1 carton

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TechLine / 1 877 276-7876 armstrongceilings.com/commercial (search: calla) BPCS-5696-419
CALLA® High CAC
Square Lay-in & Tegular
smooth texture

The smoothest mineral fiber ceiling available with both Total Acoustics® and Sustain® performance, now with excellent sound blocking.

KEY SELECTION ATTRIBUTES

- **DESIGNFlex™ options** include made-to-order sizes and colors available to ship in 3 weeks
- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance™
- Calla® High CAC panels are part of the Sustain® portfolio and meet the most stringent sustainability compliance standards today

- Excellent combination of acoustical performance with exceptional noise blocking; NRC (0.80), CAC (40), and AC (77)
- **Washable, Impact-resistant, Scratch-resistant, Soil-resistant**
- **USDA-Certified Biobased Product – 59%**

- **Compatible with the TechZone® Ceiling Systems**
- **Product can be recycled through the Armstrong Ceilings Recycling Program**
- **30-Year Limited System Warranty against visible sag, mold, and mildew**

TYPICAL APPLICATIONS

- **Offices** – closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and teaming
- **Healthcare** – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- **Classrooms**
- **Corridors**
- **Lobbies/reception areas**

COLORS AVAILABLE

Due to printing limitations, shade may vary from actual product.

- White
- Black
- Available in any color!

DETAILS

1. Calla® High CAC Square Tegular
2. Calla High CAC Square Lay-in
3. Calla High CAC Square Tegular with Suprafine 9/16” suspension system
CALLA® High CAC Square Lay-in & Tegular

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>CALLA® High CAC Square Lay-in</td>
<td>474-478</td>
<td>8805</td>
<td>24 x 24 x 1&quot;</td>
</tr>
<tr>
<td>16/16&quot; Square Lay-in</td>
<td>8808</td>
<td>24 x 48 x 1&quot;</td>
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<tr>
<td>16/16&quot; Square Lay-in</td>
<td>8811</td>
<td>24 x 60 x 1&quot;</td>
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<tr>
<td>16/16&quot; Square Lay-in</td>
<td>8814</td>
<td>24 x 72 x 1&quot;</td>
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<tr>
<td>16/16&quot; Square Lay-in</td>
<td>8817</td>
<td>30 x 30 x 1&quot;</td>
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**Size Capabilities**

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<th>Width</th>
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**PERFORMANCE SELECTION**

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics Classification</th>
<th>Fire Performance</th>
<th>Light Reflectivity</th>
<th>Mold &amp; Mildew Resistance</th>
<th>Sag Resistance</th>
<th>Certified Low VOC Emissions</th>
<th>Washability</th>
<th>Impact</th>
<th>Scratch</th>
<th>Soil</th>
<th>Biocide</th>
<th>Humidity</th>
<th>Durability</th>
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**CALLA High CAC Square Tegular**

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<td>474-478</td>
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<td>8815</td>
<td>24 x 72 x 1&quot;</td>
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<td>8818</td>
<td>30 x 30 x 1&quot;</td>
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**Size Capabilities**

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<td>9/16&quot; Square Tegular</td>
<td>8812</td>
<td>24 x 60 x 1&quot;</td>
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<tr>
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<tr>
<td>36&quot; – 48&quot;</td>
<td>4&quot; – 24&quot;</td>
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</tbody>
</table>
CALLA® High CAC
Square Lay-in & Tegular
smooth texture

SUSPENSION SYSTEMS

15/16” 9/16”

Prelude® Silhouette® 1/4” Reveal Silhouette 1/8” Reveal Suprafine® Interlude® XL® HRC Sonata® XL®

PHYSICAL DATA

Material
Wet-formed mineral fiber with acoustically transparent membrane

Surface Finish
Acoustically transparent membrane with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled)

Design Considerations
Combining materials with different run dates may result in shade variations. Order attic stock for any anticipated future needs.

ASTM E1264 Classification
Type IV, Form 2, Pattern E, Fire Class A

Humidity/Sag Resistance
HumilGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CZPH/ELLB/Standard Method Version 1.1 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189, ANSI/GBI Green Building Assessment Protocol

High Recycled Content
Classified as containing greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 2.9 (BTU units)
R Factor – 0.445 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System.
Details at armstrongceilings.com

Weight: Square Feet/Carton
8805, 8806, 8807 – 1.0 lbs/SF; 40 SF/ctn
8808, 8809, 8810 – 1.0 lbs/SF; 48 SF/ctn
8817, 8818, 8819 – 1.0 lbs/SF; 60 SF/ctn
8814, 8815, 8816 – 1.0 lbs/SF; 72 SF/ctn
8811, 8812, 8813 – 1.0 lbs/SF; 80 SF/ctn

Minimum Order Quantity
1 carton

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armstrongceilings.com/commercial
(search: calla)

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CANYON®
Square Lay-in & Tegular
smooth texture

Smooth finish, mineral fiber ceiling panel with Total Acoustics® performance.

KEY SELECTION ATTRIBUTES

- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance
- Canyon® panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- Smooth, White surface
- Good combination of acoustical performance: NRC (0.60) and CAC (35)
- 30-Year Limited System Warranty against visible sag, mold, and mildew

COLORS

White (WH)

DETAILS
(Other Suspension Systems compatible. Refer to listing on page 283.)

1. Canyon® Square Lay-in
2. Canyon® Square Lay-in with Prelude® XL® 15/16” suspension system
CANYON®
Square Lay-in & Tegular
smooth texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Suspension Detail Dwg.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
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</thead>
<tbody>
<tr>
<td>15/16” Square Lay-in</td>
<td>1</td>
<td>1490</td>
<td>24 x 24 x 5/8”</td>
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<tr>
<td>15/16” Beveled Tegular</td>
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<td>1492</td>
<td>24 x 24 x 5/8”</td>
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<td>9/16” Beveled Tegular</td>
<td>44, 48, 29, 52, 56</td>
<td>1494</td>
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<tr>
<td>9/16” Sealed Edge</td>
<td>44, 48, 29, 52, 56</td>
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CANYON® Size Capabilities

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<tbody>
<tr>
<td>12” - 24”</td>
<td>18” - 72”</td>
<td>5/8”</td>
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PERFORMANCE SELECTION

Dots represent high level of performance.

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Mold &amp; Mildew Protection</th>
<th>Sag Resist</th>
<th>Certified Low VOC Emissions</th>
<th>Durability</th>
<th>Recycled Content</th>
<th>Recycle Program</th>
<th>30-Yr Warranty</th>
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<tbody>
<tr>
<td>0.60 35 GOOD Class A</td>
<td>0.80 • • • Std Std • •</td>
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<th>Item</th>
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<tr>
<td>1490</td>
<td>0.60 lbs/SF; 64 SF/ctn</td>
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SUSPENSION SYSTEMS

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<tr>
<th>15/16”</th>
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<tbody>
<tr>
<td>Prelude® XL®</td>
<td>Silhouette® XL®</td>
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<tr>
<td>Silhouette XL® 1/4” Reveal</td>
<td>Suprafine®</td>
</tr>
<tr>
<td>Interlude® XL® HRC</td>
<td>Sonata® XL®</td>
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</table>

PHYSICAL DATA

Material
Mineral fiber with acoustically transparent membrane

Surface Finish
Acoustically transparent membrane with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

ASTM E1264 Classification
Type IV, Form 2, Pattern E

Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

VOC Emissions
GREENGUARD Gold Certified

Acoustical Performance
CPC testing conducted on Silhouette® suspension system

Insulation Value
R Factor – 1.5 (BTU units)
R Factor – 0.26 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong Suspension System. Details at armstrongceilings.com

Minimum Order Quantity
1 carton, excludes made-to-order panels

30-Yr Warranty

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armstrongceilings.com/commercial
(search: canyon)
BPCS-4912-718

MINERAL FIBER
CERAMAGUARD®/CERAMAGUARD® FINE FISSURED™
Square Lay-in
medium texture

This is a non-directional ceiling panel for special application areas prone to moisture.

KEY SELECTION ATTRIBUTES

- Inorganic product. Resistant to the growth of mold and mildew
- Durable – Washable, Soil-resistant
- Resistance to chemical fumes
- Non-directional visual reduces scrap and installation time
- Superior resistance to sagging in high humidity conditions including standing water and outdoor applications
- 30-Year Limited System Warranty against visible sag, mold, and mildew

TYPICAL APPLICATIONS

- Laboratories
- Locker rooms/indoor pools
- Hydrotherapy/shower areas
- Food preparation areas (unperforated only)
- Exterior soffits/canopies
- Indoor parking garages
- Marine use (See note under “Application Considerations”)

COLOR

- White

DETAILS

1. Ceramaguard® Square Lay-in
2. Ceramaguard® with Prelude® Plus XL® 15/16” suspension system

See more photos at: armstrongceilings.com/photogallery
SEARCH: ceramaguard
CERAMAGUARD®/CERAMAGUARD® FINE FISSURED™
Square Lay-in
medium texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
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<tbody>
<tr>
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<td>605*</td>
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<table>
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<th>Item No.</th>
<th>Dimensions (Inches)</th>
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<tbody>
<tr>
<td>CERAMAGUARD® FINE FISSURED™ – Perforated</td>
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<td>607</td>
<td>24 x 24 x 5/8&quot;</td>
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<tr>
<td></td>
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<td>608</td>
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* Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

** Plain pattern (unperforated) is not appropriate where aesthetics or visual consistency is important.

APPLICATION CONSIDERATIONS
For outdoor soffits and canopies, wind uplift should be considered. CERAMAGUARD® is non-combustible per ASTM E136 and ISO 1182. See USCG Approval 164.109/52/0 for marine applications in all waters.

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

SUSPENSION SYSTEMS
Prelude®, Prelude® Plus XL® Aluminum, Prelude® XL® Fire Guard™, Prelude® Plus XL® Fire Guard™, Prelude Plus XL Stainless Steel, Prelude XL for Exterior Applications

PHYSICAL DATA
Material
Wet-formed ceramic and mineral fiber composite
Surface Finish
Scrubbable factory-applied plastic paint finish
Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled). Fire Guard™: A fire-resistive ceiling when used in applicable UL assemblies (Class A).
ASTM E1264 Classification
Type XX (high density ceramic-like composition with scrubbable finish).
Type C/E (items 607, 608); Pattern G (item 605); Fire Class A
Humidity/Sag Resistance
HumiGuard® Max ceiling panels are recommended for areas with maximum humidity, including outdoor applications.
Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.
VOC Emissions
GREENGUARD Gold Certified
Insulation Value
R Factor — 1.4 (BTU units)
R Factor — 0.25 (Watts units)

Application Considerations
For outdoor soffits and canopies, wind uplift should be considered. CERAMAGUARD® is non-combustible per ASTM E136 and ISO 1182. See USCG Approval 164.109/52/0 for marine applications in all waters.

Minimum Order Quantity
1 carton

Metric Items Available
605M, 607M, and 608M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

37% RECYCLED CONTENT
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CIRRUS® High NRC
CIRRUS®
Square Lay-in
medium texture

This medium-textured ceiling panel offers Total Acoustics® performance, excellent sound absorption, and blocking in one product.

KEY SELECTION ATTRIBUTES

- DesignFlex™ options include made-to-order sizes available to ship in 3 weeks
- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance
- Cirrus® panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today

COLOR

White
(WH)

- Refined visual
- Excellent combination of acoustical performance NRC (up to 0.75) and CAC (35)
- High NRC items feature Articulation Class (170), helpful to control sound over wall partitions
- Ceiling-2-Ceiling™ Post-consumer Recycled Content options: Items 574HRC and 533HRC. 71% Pre-consumer; 15% Post-consumer
- USDA Certified Biobased Product – 94%

DETAILS

1. Cirrus® Square Lay-in
2. Cirrus® Square Lay-in with Prelude® 15/16" suspension system
## Visual Selection

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16” Square Lay-in</td>
<td>563</td>
<td>24 x 24 x 7/8”</td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>565</td>
<td>24 x 48 x 7/8”</td>
</tr>
</tbody>
</table>

### CIRRUS® High NRC Size Capabilities

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/8” Thick</td>
<td>4” - 24” 4” - 48”</td>
</tr>
<tr>
<td>3/4” Thick</td>
<td>4” - 24” 4” - 48”</td>
</tr>
</tbody>
</table>

### CIRRUS® Square Lay-in

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>574</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td>533</td>
<td>24 x 48 x 3/4”</td>
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</table>

## Performance Selection

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Articulation Class</th>
<th>Light Reflect</th>
<th>Mold/Minor Protection</th>
<th>Eco-Responsible</th>
<th>Durability</th>
<th>Recycled Content</th>
<th>Recycled Program</th>
<th>30-Yr Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.75</td>
<td>35</td>
<td></td>
<td>170</td>
<td>Class A</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
</tr>
<tr>
<td>0.70</td>
<td>35</td>
<td></td>
<td>170</td>
<td>Class A</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
</tr>
<tr>
<td>0.75</td>
<td>35</td>
<td></td>
<td>170</td>
<td>Class A</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
</tr>
</tbody>
</table>

## SUSPENSION SYSTEMS

| 15/16” | | |
|--------|---------------|

## Physical Data

<table>
<thead>
<tr>
<th>Material</th>
<th>Wet-formed mineral fiber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Finish</td>
<td>Factory-applied latex paint</td>
</tr>
<tr>
<td>Fire Performance</td>
<td>ASTM E84 and CAN/ULC S102 surface burning characteristics, Flame Index 50 or less. Smoke Developed Index 50 or less (UL labeled). ASTM E1264 Classification Type III, Form 1, Pattern E. Fire Class A</td>
</tr>
<tr>
<td>Humidity/Sag Resistance</td>
<td>HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Includes items 533, 533HRC, 565, and large sizes.</td>
</tr>
</tbody>
</table>

### Mold/Mildew Protection


### Acoustical Performance

CACC tested conducting used with Prelude XL suspension system.

#### Primary (Embodied) Energy

See all LCA information on our EPDs.

#### High Recycled Content

Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines. HRC items contain 15% or greater post-consumer recycled ceilings.
CIRRUS® High NRC
CIRRUS®

Tegular
medium texture

Cirrus panels offer a medium-textured ceiling panel with excellent noise reduction and sound blocking for Total Acoustics® performance in one product.

**KEY SELECTION ATTRIBUTES**

- DesignFlex™ options include made-to-order sizes available to ship in 3 weeks
- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance
- Cirrus® panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- Refined visual
- Excellent combination of acoustical performance: NRC (up to 0.75) and CAC (35)
- High NRC items feature Articulation Class (170) helpful to control sound over wall partitions
- Ceiling-2-Ceiling™ post-consumer recycled content options. Items 589HRC, 539HRC, 584HRC, 535HRC, 71% pre-consumer; 15% post-consumer
- USDA-Certified Biobased Product – 94%
- 10-Year replacement panel available for items 584, 589

**COLORS**

Due to printing limitations, shade may vary from actual product.

- White
- Cream
- Haze
- Camel
- Platinum

Items 584 and 589 are available in colors. All other items are available in White only. Colored ceilings are dye-lotted and should be segregated by dye lot. Do not mix. Colors other than White are not part of the Sustain® portfolio.

**DETAILS**

(Other Suspension Systems compatible. Refer to listing on pages 289)

1. Cirrus® Angled Tegular
2. Cirrus® Beveled Tegular
3. Cirrus® Angled Tegular with Prelude® 15/16" suspension system
4. Cirrus® Beveled Tegular with Suprafine® 9/16" suspension system
**CIRRUS® High NRC**

**Tegular**

**Tegular medium texture**

### VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg. Pgs.</th>
<th>Item No.</th>
<th>Dimensions (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIRRUS® High NRC 15/16” Angled Tegular</td>
<td>13</td>
<td>556</td>
<td>24 x 24 x 7/8”</td>
</tr>
<tr>
<td></td>
<td>13</td>
<td>551</td>
<td>24 x 48 x 7/8”</td>
</tr>
<tr>
<td>9/16” Beveled Tegular</td>
<td>29, 44, 52, 56</td>
<td>558</td>
<td>24 x 24 x 7/8”</td>
</tr>
<tr>
<td></td>
<td>29, 44, 52, 56</td>
<td>568</td>
<td>24 x 48 x 7/8”</td>
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</table>

### PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Dimensions (inches)</th>
<th>UL Classified Acoustics</th>
<th>Fire Performance</th>
<th>Mold &amp; Mildew Protection</th>
<th>Certified Low VOC Emissions</th>
<th>Durability</th>
<th>Recycled Content</th>
<th>Recycle Program</th>
<th>30-Year Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>556</td>
<td>24 x 24 x 7/8”</td>
<td>0.75 35 BETTER 170 Class A 0.85</td>
<td>• • • Std • 10-Yr</td>
<td>• • • Std •</td>
<td>10-Yr</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>558</td>
<td>24 x 24 x 7/8”</td>
<td>0.75 35 BETTER 170 Class A 0.85</td>
<td>• • • Std •</td>
<td>10-Yr</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>568</td>
<td>24 x 48 x 7/8”</td>
<td>0.75 35 BETTER 170 Class A 0.85</td>
<td>• • • Std •</td>
<td>10-Yr</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Size Capabilities

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Made-to-Order Sizes (3 to 5 days)</td>
<td>N/A N/A</td>
</tr>
<tr>
<td>7/8” Thick</td>
<td>4” - 24”</td>
</tr>
<tr>
<td>4” – 48”</td>
<td></td>
</tr>
</tbody>
</table>

### SUSPENSION SYSTEMS

<table>
<thead>
<tr>
<th>15/16”</th>
<th>9/16”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prelude®</td>
<td>Silhouette®</td>
</tr>
<tr>
<td>1/4” Reveal</td>
<td>1/8” Reveal</td>
</tr>
<tr>
<td>Silhouette®</td>
<td>Suprafine®</td>
</tr>
<tr>
<td>Interlude®</td>
<td>Sonata®</td>
</tr>
</tbody>
</table>

### PHYSICAL DATA

- **Material**: Wet-formed mineral fiber
- **Surface Finish**: Factory-applied latex paint
- **Fire Performance**: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled)
- **ASTM E1264 Classification**: Type III, Form 1, Pattern E1, Fire Class A
- **Humidity/Sag Resistance**: HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to but not including, standing water and outdoor applications.

### Mold/Mildew Protection

Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

### VOC Emissions

**GREENGUARD Gold Certified**


### Acoustical Performance

CACC tested conducted using Silhouette® suspension system.

### Primary (Embodied) Energy

See all LCA information on our EPDs.

### High Recycled Content

Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

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** Declare™** is a service mark of The International Living Future Institute

UL is a registered trademark of UL LLC. All other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates

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TechLine 877 276-7876
armstrongceilings.com/commercial

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**More Items ▶**
### VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg. Pgs.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
<th>Item Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIRRUS®® Tegular</td>
<td>474-478</td>
<td>580 **</td>
<td>24 x 24 x 3/4&quot;</td>
<td>Beveled Tegular</td>
</tr>
<tr>
<td>9/16&quot; Beveled</td>
<td>29, 44, 52, 56</td>
<td>589 ** 589M</td>
<td>24 x 24 x 3/4&quot;</td>
<td>600 x 600 x 19mm</td>
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</tbody>
</table>

### PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Dimensions</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Mold &amp; Mildew Protection</th>
<th>Sag Resist</th>
<th>Certified Low VOC Emissions</th>
<th>Durability</th>
<th>Recycled Content</th>
<th>Recycle Program</th>
<th>30-Yr Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Acoustics</strong></td>
<td><strong>(Inches)</strong></td>
<td><strong>Class</strong></td>
<td><strong>Fire Performance</strong></td>
<td><strong>Light Reflect</strong></td>
<td><strong>Mold &amp; Mildew Protection</strong></td>
<td><strong>Sag Resist</strong></td>
<td><strong>Certified Low VOC Emissions</strong></td>
<td><strong>Durability</strong></td>
<td><strong>Recycled Content</strong></td>
<td><strong>Recycle Program</strong></td>
</tr>
<tr>
<td>NRC + CAC</td>
<td>=</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.70</td>
<td>35</td>
<td>BETTER</td>
<td>Class A</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>•</td>
<td>•</td>
<td>•</td>
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<tr>
<td>0.70</td>
<td>38</td>
<td>BETTER</td>
<td>Class A</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.35</td>
<td>35</td>
<td>–</td>
<td>–</td>
<td>Fire Guard</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.70</td>
<td>35</td>
<td>BETTER</td>
<td>Class A</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>•</td>
<td>10-Yr</td>
<td></td>
</tr>
</tbody>
</table>

### Notes

- Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
- **GOOD** (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)
- White only
- Add 2-letter color suffix to item number when specifying or ordering (e.g., 589 C R ).

---

CIRRUS® High NRC CIRRUS®

Tegular medium texture

*Declare™ High Performance Sustainable Ceiling Systems*

**GREENGUARD® Gold Certified**

**LEED®**

Calculate LEED contribution at armstrongceilings.com/greengenie

**SUSTAIN™ High Performance Sustainable Ceiling Systems**

<table>
<thead>
<tr>
<th>LEED</th>
<th>Recycled</th>
<th>Certified</th>
<th>Recycled</th>
<th>Recycle Program</th>
<th>30-Yr Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>87%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</table>

**TechLine** 877 276-7876

armstrongceilings.com/commercial
### CIRRUS® High NRC CIRRUS®

#### Visual Selection

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
<th>UL Classified Acoustics</th>
<th>Total Acoustics&lt;sup&gt;1&lt;/sup&gt;</th>
<th>Articulation</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Mold &amp; Mildew</th>
<th>Sag Resist</th>
<th>Standard Core</th>
<th>Perform. Core</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CIRRUS® High CAC</strong></td>
<td></td>
<td></td>
<td></td>
<td>NRC</td>
<td>CAC</td>
<td>A</td>
<td>B</td>
<td>B</td>
<td>B</td>
<td>B</td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td>572</td>
<td>24 x 24 x 7/8&quot;</td>
<td>0.70</td>
<td>0.86</td>
<td>BETTER</td>
<td>Class A</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>•</td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>576</td>
<td>24 x 24 x 7/8&quot;</td>
<td>0.70</td>
<td>0.86</td>
<td>BETTER</td>
<td>Class A</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>•</td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>583</td>
<td>24 x 48 x 7/8&quot;</td>
<td>0.70</td>
<td>0.86</td>
<td>BETTER</td>
<td>Class A</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>•</td>
</tr>
</tbody>
</table>

### Performance Selection

**SUSPENSION SYSTEMS**

<table>
<thead>
<tr>
<th>15/16&quot;</th>
<th>9/16&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prelude® Fire Guard™</td>
<td>Silhouette® 1/4&quot; Reveal</td>
</tr>
<tr>
<td>Silhouette® 1/8&quot; Reveal</td>
<td>Suprafine® XL® Fire Guard™</td>
</tr>
<tr>
<td>Interlude®</td>
<td>Sonata®</td>
</tr>
</tbody>
</table>

**Physical Data**

- **Material**: Wet-formed mineral fiber
- **Surface Finish**: Factory-applied latex paint
- **Fire Performance**:
  - ASTM E84 and CAN/ULC S5102 surface burning characteristics. Flame Spread Index 25 or less.
  - Smoke Developed Index 50 or less (UL labeled)
  - Fire Guard™: A fire-resistant ceiling when used in applicable UL assemblies (Class A)
- **ASTM E1264 Classification**: Type III, Form 1, Pattern E I Fire Class A
- **Humidity/Sag Resistance**: HumiGuard™ Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Excludes items 535, 539, 581, 583.

**Mold/Mildew Protection**

Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

**VOC Emissions**

**GREENGUARD Gold Certified**


**Acoustical Performance**

CACC testing conducted using Silhouette® suspension system.

**Primary (Embodied) Energy**

See all LCA information on our EPDs.

**High Recycled Content**

Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines. HRC items contain 15% or greater post-consumer recycled ceilings.

**LEED®**

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**Declare™**

A service mark of The International Living Future Institute

**GOLD**

A GOLD-certified product.

**30-Year Performance Guarantee & Warranty**

When installed with Armstrong® Suspension System. Details at armstrongceilings.com

**Insulation Value**

R Factor = 1.9 (BTU units)

**Minimum Order Quantity**

1 carton

**Metric Items Available**

584M, 589M – 1.06 lbs/SF; 48 SF/ctn

584 – 1.25 lbs/SF; 48 SF/ctn

583M, 589M – 1.38 lbs/SF; 48 SF/ctn

584, 589 – 1.06 lbs/SF; 48 SF/ctn

**30-Year Performance Guarantee & Warranty**

When installed with Armstrong® Suspension System. Details at armstrongceilings.com

**Weight**: Square Feet/Carton

534, 538, 572, 576 – 1.38 lbs/SF; 40 SF/ctn

535, 539, 581, 583 – 1.21 lbs/SF; 48 SF/ctn

577, 578 – 1.25 lbs/SF; 48 SF/ctn

584, 589 – 1.06 lbs/SF; 48 SF/ctn

**Details at armstrongceilings.com**

**LEED®**: a registered trademark of the U.S. Green Building Council

**Declare™**: a service mark of The International Living Future Institute

**GOLD**: a GOLD-certified product.

**30-Year Performance Guarantee & Warranty**: When installed with Armstrong® Suspension System. Details at armstrongceilings.com

**Weight**: Square Feet/Carton

534, 538, 572, 576 – 1.38 lbs/SF; 40 SF/ctn

535, 539, 581, 583 – 1.21 lbs/SF; 48 SF/ctn

577, 578 – 1.25 lbs/SF; 48 SF/ctn

584, 589 – 1.06 lbs/SF; 48 SF/ctn

**Minimum Order Quantity**: 1 carton

**Metric Items Available**: 584M, 589M – 1.06 lbs/SF; 48 SF/ctn

584 – 1.25 lbs/SF; 48 SF/ctn

583M, 589M – 1.38 lbs/SF; 48 SF/ctn

584, 589 – 1.06 lbs/SF; 48 SF/ctn

**Details at armstrongceilings.com**

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**GOLD**: a GOLD-certified product.

**30-Year Performance Guarantee & Warranty**: When installed with Armstrong® Suspension System. Details at armstrongceilings.com

**Weight**: Square Feet/Carton

534, 538, 572, 576 – 1.38 lbs/SF; 40 SF/ctn

535, 539, 581, 583 – 1.21 lbs/SF; 48 SF/ctn

577, 578 – 1.25 lbs/SF; 48 SF/ctn

584, 589 – 1.06 lbs/SF; 48 SF/ctn

**Minimum Order Quantity**: 1 carton

**Metric Items Available**: 584M, 589M – 1.06 lbs/SF; 48 SF/ctn

584 – 1.25 lbs/SF; 48 SF/ctn

583M, 589M – 1.38 lbs/SF; 48 SF/ctn

584, 589 – 1.06 lbs/SF; 48 SF/ctn

**Details at armstrongceilings.com**
These medium-textured ceiling panels feature Total Acoustics® performance with a variety of dimensional edge details.

**KEY SELECTION ATTRIBUTES**

- Get total noise control and design flexibility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics® performance
- Cirrus® panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- Classic edge details on refined Cirrus texture
- High quality factory-finished edge detail
- Ideal combination of sound absorption and blocking
- USDA-Certified Biobased Product – 94%

**COLOR**

- White (WH)

**DETAILS** *(Other Suspension Systems compatible. Refer to listing on page 293.)*

1. Cirrus® Chamfered
2. Cirrus® Classic Step
3. Cirrus® Beveled Tegular
4. Cirrus® Classic Step with Suprafine® 9/16" suspension system
### CIRRUS® Profiles

**Chamfered, Beveled & Classic Step™ – Tegular medium texture**

#### VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CIRRUS® Profiles Chamfered</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16” Tegular</td>
<td>17</td>
<td>628</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td>9/16” Tegular</td>
<td>30</td>
<td>557</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td><strong>CIRRUS® Profiles Beveled</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/16” Tegular</td>
<td>29</td>
<td>590</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td><strong>CIRRUS® Profiles Classic Step™</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16” Tegular</td>
<td>19</td>
<td>626</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td>9/16” Tegular</td>
<td>31</td>
<td>591</td>
<td>24 x 24 x 3/4”</td>
</tr>
</tbody>
</table>

#### PERFORMANCE SELECTION

- **UL Classified Acoustics**
  - NRC +
  - Total Acoustical Performance
  - Fire Performance
  - Limit & Mold & Bio-Block Protection
  - HumiGuard®

<table>
<thead>
<tr>
<th>NRC +</th>
<th>Total Acoustical Performance</th>
<th>Fire Performance</th>
<th>Limit &amp; Mold &amp; Bio-Block Protection</th>
<th>HumiGuard®</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.65</td>
<td>GOOD Class A 0.86</td>
<td>•</td>
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<td>Std</td>
</tr>
<tr>
<td>0.65</td>
<td>GOOD Class A 0.86</td>
<td>•</td>
<td>•</td>
<td>Std</td>
</tr>
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<td>GOOD Class A 0.86</td>
<td>•</td>
<td>•</td>
<td>Std</td>
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</tbody>
</table>

#### SUSPENSION SYSTEMS

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>SUSPENSION SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>15/16”</strong></td>
<td>Prelude® Chamfered</td>
</tr>
<tr>
<td><strong>9/16”</strong></td>
<td>Prelude Classic Step</td>
</tr>
</tbody>
</table>

### PHYSICAL DATA

- **Material**
  - Wet-formed mineral fiber

- **Surface Finish**
  - Factory-applied latex paint

- **Fire Performance**
  - ASTM E84 and CAN/ULC S102 surface burning characteristics; Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled). CIRRUS® Profiles Classic Step™ 15/16” Tegular
  - ASTM E1264 Classification
  - 557, 585, 590, 626 – Type III, Form 1, Pattern E 1
  - 585, 590, 626 – Type III, Form 1, Pattern E 1
  - Pattern E 1: K Fire Class A

- **Humidity/Sag Resistance**
  - HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to and below 80% RH. Does not include standing water and outdoor applications. Excludes items 585, 590, 626.

- **Mold/Mildew Protection**
  - Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

- **VOC Emissions**
  - GREENGUARD Gold Certified

- **High Recycled Content**
  - Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

- **Insulation Value**
  - R Factor – 0.33 (Watts units)
  - R Factor – 1.9 (BTU units)

- **Minimum Order Quantity**
  - 1 carton

#### Metric Items Available
- 628M, 557M, 590M, 591M, 626M, and 585M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.
These medium-textured panels, with scored plank visual, provide the noise reduction and sound blocking of Total Acoustics® performance.

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics® performance
- Cirrus® panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- Classic Cirrus texture
- Excellent score line painting for a clean visual
- USDA Certified Biobased Product – 94%

FACE VIEW

Cirrus® Second Look® I panel – Scoring creates nominal 12" x 12" squares
Cirrus® Second Look® II panel – Scoring creates nominal 24" x 24" squares
Cirrus® Second Look® III panel – Scoring creates nominal 6" x 48" linear planks

COLOR

White

DETAILS (Other Suspension Systems compatible. Refer to listing on page 295.)

1. Cirrus® Second Look® II
2. Cirrus® Second Look® II with Suprafine® XL® 9/16" suspension system
## CIRRUS® Second Look®
**Scored Tegular**

### medium texture

#### VISUAL SELECTION

<table>
<thead>
<tr>
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<tbody>
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<td>15/16” Beveled Tegular</td>
<td>9/16”</td>
<td>14</td>
<td>512</td>
<td>24 x 48 x 3/4”</td>
<td></td>
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<td>9/16” Beveled Tegular</td>
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<td>510</td>
<td>24 x 48 x 3/4”</td>
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</tr>
<tr>
<td>15/16” Beveled Tegular</td>
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<td>513</td>
<td>24 x 48 x 3/4”</td>
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<td>10-Yr</td>
</tr>
<tr>
<td>9/16” Beveled Tegular</td>
<td>28</td>
<td>511</td>
<td>24 x 48 x 3/4”</td>
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<td>10-Yr</td>
</tr>
<tr>
<td>15/16” Beveled Tegular</td>
<td>14</td>
<td>514</td>
<td>24 x 48 x 3/4”</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10-Yr</td>
</tr>
</tbody>
</table>

1 Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

**GOOD** (NRC 0.60-0.65; CAC 35+)

**BETTER** (NRC 0.65-0.70; CAC 35+)

**BEST** (NRC 0.70-0.75; CAC 35+)

### PERFORMANCE SELECTION

**Dots represent high level of performance.**

<table>
<thead>
<tr>
<th>Performance Selection</th>
<th>UL Classified</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Mold &amp; Mildew Protection</th>
<th>Std</th>
<th>Std</th>
<th>Std</th>
<th>Warranty</th>
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<tbody>
<tr>
<td>Flame Spread Index 25 or less.</td>
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<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Smoke Developed Index 50 or less (UL labeled).</td>
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<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SUSPENSION SYSTEMS

- 15/16” Prelude®
- 9/16” Suprafine®

### PHYSICAL DATA

**Material**

- Wet-formed mineral fiber

**Surface Finish**

- Factory-applied latex paint

**Fire Performance**

- ASTM E84 and CAN/ULC S102 surface burning characteristics, Plume Smoke Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

**ASTM E1264 Classification**

- Type III, Form 1, Pattern E I K

**Humidity/Sag Resistance**

- Standard performance ceiling panels are recommended where the building is enclosed and the HVAC is continuously functioning.

**Mold/Mildew Protection**

- Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

**VOC Emissions**

- GREENGUARD Gold Certified

**Primary (Embodied) Energy**

- See all LCA information on our EPDs.

**High Recycled Content**

- Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

**Insulation Value**

- R Factor – 0.33 (Watts units)

**Design Consideration**

- Do not mix Cirrus® Second Look® with standard Cirrus items in the same room.

**Warranty**

- Details at armstrongceilings.com

**Minimum Order Quantity**

- 1 carton

**Metric Items Available**

- 512M, 510M, 513M, 511M, 514M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

**LEED®**

- For low chemical waste mgmt

- For low chemical emissions

- For low chemical volatile organic compounds (VOCs)

- For low chemical air quality

- For low chemical energy management

- For low chemical water management

- For low chemical waste management

- For low chemical indoor environmental quality

- For low chemical thermal comfort

- For low chemical sound insulation

- For low chemical light depreciation

- For low chemical materials and resources

- For low chemical indoor environmental quality

- For low chemical construction waste

- For low chemical indoor environmental quality

- For low chemical construction waste

- For low chemical indoor environmental quality

- For low chemical construction waste

**Total Recycled Content**

- 50% or more of the material used in the product is recycled. All products containing recycled content are the property of AWI Licensing LLC and/or its affiliates.

**Primary (Embodied) Energy**

- See all LCA information on our EPDs.
CIRRUS® Themes™
Critters™, Leaves™, Stars™, Things That Fly™
& Under the Sea™ – Tegular
medium texture

Cirrus® Themes™ ceiling panels have a playful design and bring fun to your project.

KEY SELECTION ATTRIBUTES
- A variety of lighthearted panel designs on classic Cirrus texture; can be spot-painted
- Coordinating plain panels available
- USDA-Certified Biobased Product – 94%

COLOR
White

Cirrus® Themes™ Critters™ panels with Suprafine® XL® 9/16” suspension system (Pgs. 466-467)
Cirrus® Themes™ Stars™ panels with Suprafine® XL® 9/16” suspension system (Pgs. 466-467)
Cirrus® Themes™ Leaves™ panels with Suprafine® XL® 9/16” suspension system (Pgs. 466-467)
Cirrus® Themes™ Under the Sea™ panels with Suprafine® XL® 9/16” suspension system (Pgs. 466-467)
Cirrus® Themes™ Things That Fly™ panels with Suprafine® XL® 9/16” suspension system (Pgs. 466-467)
Cirrus® Themes™ Under the Sea™ panels with Suprafine® XL® 9/16” suspension system (Pgs. 466-467)
CIRRUS® Themes™
Critters™, Leaves™, Stars™, Things That Fly™ & Under the Sea™ – Tegular
medium texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg. No.</th>
<th>Item No.</th>
<th>Dimensions (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16” Angled Tegular</td>
<td>13</td>
<td>See Below</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td>9/16” Beveled Tegular</td>
<td>29, 44, 48, 52, 56</td>
<td>See Below</td>
<td>24 x 24 x 3/4”</td>
</tr>
</tbody>
</table>

Perforamnce Selection: Dots represent high level of performance.

CIRRUS® Themes™

SUSPENSION SYSTEMS

<table>
<thead>
<tr>
<th>15/16”</th>
<th>9/16”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prelude®</td>
<td>Silhouette® 1/4” Reveal</td>
</tr>
<tr>
<td>Silhouette® 1/8” Reveal</td>
<td>Suprafine®</td>
</tr>
<tr>
<td>Interlude® XL® HRC</td>
<td>Sonata® XL®</td>
</tr>
</tbody>
</table>

PHYSICAL DATA

Material: Wet-formed mineral fiber
Surface Finish: Factory-applied latex paint
Fire Performance:
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less, Smoke Developed Index 50 or less.
ASTM E1264 Classification:
Type III, Form 1, Pattern E K Z (scored multi-patterned finish) S299, S295 – Type III, Form 1, Pattern E I
Fire Class A

Humidity Sag Resistance
Standard performance ceiling panels are recommended where the building is enclosed and the HVAC is continuously functioning.

Mold/Mildew Protection
Celing panels with BioBlock® performance resist the growth of mold and mildew.

VOC Emissions
GREENGUARD Gold Certified

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 0.33 (Watts units)
Warranty
Details at armstrongceilings.com

Weight:
Square Feet/Carton
All design panels – 1.38 lbs/SF; 8 SF/ctn
S295 – 1.09 lbs/SF; 48 SF/ctn
S299 – 1.17 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton

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Clean Room™ FL, Clean Room™ VL

KEY SELECTION ATTRIBUTES

- Clean Rooms up to ISO Class 5 (Class 100) (excludes items 869, 871)
- Excellent sound blocking CAC (35-40)
- Durable – Washable, Scrubbable, Water-repellant, Impact-resistant, Scratch-resistant, Soil-resistant
- Non-directional visual reduces scrap and installation time

- 30-Year Limited System Warranty against visible sag, mold, and mildew
- 10-Year replacement panel available for items 1715, 1716, 1720, 1721

TYPICAL APPLICATIONS

- Clean Rooms
- Kitchens/food preparation areas
- Laboratories
- Healthcare
  - Patient rooms
  - Treatment rooms
  - Semi-restricted surgical areas
  - Emergency rooms
- VL (Perforated)
  - Lavatories/restrooms
  - Utility Rooms

COLORS

- White (WH)
- White with Gray Spatter

DETAILS

(Other Suspension Systems compatible. Refer to listing on page 299.)
CLEAN ROOM™ FL/
CLEAN ROOM™ VL & VL
Square Lay-in
smooth texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg.</th>
<th>Item No.</th>
<th>Dimensions (inches)</th>
<th>Clean Room™ FL Field Panel</th>
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</thead>
<tbody>
<tr>
<td>15/16&quot; or 1, 6, 7</td>
<td>1-1/2&quot;</td>
<td>1715</td>
<td>24 x 24 x 3/4&quot;</td>
<td>1, 6, 7</td>
</tr>
<tr>
<td>Lay-in</td>
<td>1716</td>
<td>24 x 48 x 3/4&quot;</td>
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</table>

Clean Room™ FL Border Panel

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg.</th>
<th>Item No.</th>
<th>Dimensions (inches)</th>
<th>Size Capabilities</th>
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<tbody>
<tr>
<td>15/16&quot; or 1, 6, 7</td>
<td>1-1/2&quot;</td>
<td>1720</td>
<td>24 x 24 x 5/8&quot;</td>
<td>Made-to-Order Sizes (4-6 Wks)</td>
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<tr>
<td>Lay-in</td>
<td>1721</td>
<td>24 x 48 x 5/8&quot;</td>
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</tbody>
</table>

Clean Room™ VL Unperforated

<table>
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<tr>
<th>Edge Profile</th>
<th>Susp. Dwg.</th>
<th>Item No.</th>
<th>Dimensions (inches)</th>
<th>VL Perforated (Not for Clean Rooms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot; or 1, 6, 7</td>
<td>1-1/2&quot;</td>
<td>1786</td>
<td>24 x 24 x 5/8&quot;</td>
<td>1, 6, 7</td>
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<tr>
<td>Lay-in</td>
<td>1870</td>
<td>24 x 48 x 5/8&quot;</td>
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</tr>
<tr>
<td>15/16&quot; or 1</td>
<td>1-1/2&quot;</td>
<td>1869</td>
<td>24 x 24 x 5/8&quot;</td>
<td>1, 6, 7</td>
</tr>
<tr>
<td>Lay-in</td>
<td>1871</td>
<td>24 x 48 x 5/8&quot;</td>
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<td></td>
</tr>
</tbody>
</table>

PERFORMANCE SELECTION

| UL Classified Acoustics | NRC + | Total Acoustics | Fire Performance | Light | Heat | Mold & Mildew Protection | Certified Low VOC Emissions | Water Repellency | Wash | Scrub | Impact | Scratch | Soil | Recycled Content | Recycled Raw | UL 2818 | UL 1652 | UL 1653 | UL 1751 | UL 1752 |
|-------------------------|-------|----------------|------------------|------|-----|--------------------------|----------------------------|----------------|------|-------|--------|---------|------|----------------|---------------|--------|---------|---------|---------|---------|---------|
| Clean Room™ FL Field Panel | 0.55 | 35 | – | Class A | 0.79 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Clean Room™ FL Border Panel | 0.55 | 35 | – | Class A | 0.79 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Clean Room™ VL Unperforated | N/A | 35 | – | Class A | 0.79 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| VL Perforated (Not for Clean Rooms) | N/A | 40 | – | Fire Guard® | 0.80 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

* Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. Also see Optimat® Health Zone™ and Ultima® Health Zone™ for use in Clean Rooms.

SUSPENSION SYSTEMS

<table>
<thead>
<tr>
<th>15/16&quot;</th>
<th>Prelute® Plus XL® Fire Guard®</th>
<th>Clean Room™ (Steel or Aluminum)</th>
<th>Clean Room Grid</th>
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</thead>
</table>

PHYSICAL DATA

<table>
<thead>
<tr>
<th>Material</th>
<th>Wet-formed mineral fiber</th>
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<tbody>
<tr>
<td>Surface Finish</td>
<td>1715, 1716, 1720, 1721 – Soil-resistant polyester film 868, 870, 869, 871 – Vinyl-faced membrane</td>
</tr>
<tr>
<td>Fire Performance</td>
<td>ASTM E84 and CAN/ULC S101, surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled). Fire Guard®: A fire-resistant ceiling when used in applicable UL assemblies (Class A).</td>
</tr>
<tr>
<td>ASTM E1246 Classification</td>
<td>1715, 1716, 1720, 1721 – Type IV, Form 2, Pattern G H 868, 870, – Type IV, Form 2, Pattern E 869, 871 – Type IV, Form 2, Pattern E F Fire Class A</td>
</tr>
<tr>
<td>Mold &amp; Mildew Protection</td>
<td>Clean Room ceiling panels resist the growth of mold and mildew</td>
</tr>
</tbody>
</table>

Humidity/Sag Resistance

HumGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. When installed with Armstrong® Suspension System, 30-Year Performance Guarantee & Warranty When installed with Armstrong® Suspension System. Details at armstrongceilings.com

VOC Emissions

GREENGUARD Gold Certified (details below)

High Recycled Content

UL 2818

UL 1652

UL 1653

UL 1751

UL 1752

30-Year Performance Guarantee & Warranty

When installed with Armstrong® Suspension System. Details at armstrongceilings.com

Minimum Order Quantity: 1 carton, excludes other size panels.

NOTE: For assistance on proper Clean Room installation, contact TechLine at 1 877 276-7876.

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Cortega®/Cortega® Second Look®
Square Lay-in & Tegular
medium texture

Cortega® panels offers a medium-textured, economical solution with standard acoustical absorption.

KEY SELECTION ATTRIBUTES

• Economical
• Non-directional visual reduces scrap and installation time (excludes Second Look® items)
• Geometric Scored Visuals (Second Look Items)

FACE VIEW

Cortega® Second Look® II panels – Scoring creates nominal 24” x 24” squares
Cortega® Second Look® II panels – Scoring creates nominal 24” x 24” squares

COLORS

Colored ceilings are dye-lotted and should be segregated by dye lot. Do not mix.

White (WH)  Tech Black (BL) Item 769

DETAILS (Other Suspension Systems compatible. Refer to listing on page 301.)

1. Cortega® Square Lay-in
2. Cortega® Beveled Tegular
3. Cortega® Second Look®
4. Cortega® Lay-in with Prelude 15/16” suspension system
5. Cortega® Beveled Tegular with Suprafine® 9/16” suspension system
Cortega®/Cortega® Second Look®
Square Lay-in & Tegular
medium texture

**Visual Selection**

<table>
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<tr>
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<tbody>
<tr>
<td><strong>Cortega® Square Lay-in</strong></td>
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<tr>
<td>15/16&quot; Square Lay-in</td>
<td>770</td>
<td>24 x 24 x 5/8&quot;</td>
<td>0.55, 33</td>
<td>Class A</td>
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<td>770M</td>
<td>600 x 600 x 15mm</td>
<td>0.55, 35</td>
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<td></td>
<td>824</td>
<td>24 x 24 x 5/8&quot;</td>
<td>0.55, 35</td>
<td>Class A</td>
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<tr>
<td></td>
<td>824M</td>
<td>600 x 600 x 15mm</td>
<td>0.55, 35</td>
<td>Fire Guard®</td>
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**Cortega® Tegular**

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</thead>
<tbody>
<tr>
<td><strong>Cortega® Second Look®</strong></td>
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<tr>
<td>15/16&quot; Angled Tegular</td>
<td>704</td>
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<td>0.55, 35</td>
<td>Class A</td>
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<tr>
<td></td>
<td>704M</td>
<td>600 x 600 x 15mm</td>
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<tr>
<td></td>
<td>816</td>
<td>24 x 24 x 5/8&quot;</td>
<td>0.55, 35</td>
<td>Class A</td>
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<tr>
<td></td>
<td>816M</td>
<td>600 x 600 x 15mm</td>
<td>0.55, 35</td>
<td>Fire Guard®</td>
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<tr>
<td></td>
<td>703</td>
<td>24 x 48 x 5/8&quot;</td>
<td>0.55, 35</td>
<td>Class A</td>
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<td></td>
<td>703M</td>
<td>500 x 1500 x 15mm</td>
<td>0.55, 35</td>
<td>Class A</td>
</tr>
</tbody>
</table>

**Suspension Systems**

- Prelude®, Prelude® XL®
- Silhouette®
- Silhouette® 1/4" XH
- Suprafine®
- Interlude® XL HRC
- Sonata® XL

**Physicial Data**

- Material: Wet-formed mineral fiber
- Surface Finish: Factory-applied latex paint
- Fire Performance: ASTM E84 and CAN/ULC S102 surface burning characteristics; Flame Spread Index 25 or less; Smoke Developed Index 50 or less (UL labeled); Fire Guard: A fire-resistant ceiling when used in applicable UL assemblies (Class A).
- ASTM E1264 Classification: Type III, Form 2, Pattern G D
- Humidity/Sag Resistance: Standard performance ceiling panels are recommended where the building is enclosed and the HVAC is continuously functioning.
- VOC Emissions: GREENGUARD Gold Certified (details below)
- Weight: Square Feet/Unit

**Technical Information**

-codename: armstrongceilings.com
- Techline: 1 877 276-7876
- BPCS-3017/3022-718
- © 2018 AMI Licensing LLC Printed in the United States of America

**LEED Certification**

- LCA Information: See all LCA information on our EPD’s.
- GREENGUARD Gold Certified (details below)
- R Factor – 0.28 (Watts units)
- Insulation Value:
  - 704, 816, 703 – R Factor – 1.6 (BTU units)
  - 772M, 824 – R Factor – 0.82 (Watts units)
  - 770, 772, 773, 823, 824 – R Factor – 1.5 (BTU units)
  - 43% CONTENT

**Location Dependent**

- **waste mgmt**
- **ls**
- **materi a**
- **flex**

**Product Identification**

- **Non-refundable product price per item:**
- **$43**

**Minimum Order Quantity**

- 1 carton, excludes other size panels.
- Metric Items Available
- 770M, 823M, 789M, 773M, 772M, 2195M, 704M, 703M, 823M
- Limited to extended lead times and minimum quantities.

**Contact Information**

- Techline: 1 877 276-7876
- armstrongceilings.com/commercial
- BPCS-3017/3022-718
- © 2018 AMI Licensing LLC Printed in the United States of America

**LEED® Certification**

- Calculated LEED contribution at armstrongceilings.com/greengenie
- LEED® is a registered trademark of the U.S. Green Building Council
- UL is a registered trademark of UL LLC.

**Copyright Statement**

- All other trademarks used herein are the property of Armstrong World Industries Inc. or its affiliates.
- Printed in the United States of America.
TYPICAL APPLICATIONS

- Classrooms
- Libraries/media centers
- Lobbies/reception areas
- Retail
- Restaurant
- Patient Rooms

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics® performance
- Artistic designs have broad appeal and complement unique interior design
- Mix and match designs with standard Ultima, Ultima Health Zone, and Optima
- Excellent sound absorption — NRC 0.70 – 0.90
- The high performance benefits of Ultima or Optima fine-textured ceilings:
  - Washable, Soil-resistant (Ultima, Optima)
  - Water-repellent (Ultima Health Zone)
  - Product is directional
  - Custom samples available
  - Can contribute to LEED® credits

TYPICAL APPLICATIONS

- Classrooms
- Libraries/media centers
- Lobbies/reception areas
- Retail
- Restaurant
- Patient Rooms

CREATE!™ custom images are available on Ultima®, Ultima® Health Zone™, and Optima® panels. Great acoustics have never been so colorful!

Original Artwork Guidelines:

- Artwork must be vector-based
- Acceptable file types:
  - Adobe® Illustrator® – .ai
  - Encapsulated PostScript – eps
  - Scalable Vector Graphics – .svg
- Acceptable Color Mode: CMYK

Original Digital Image Requirements:

- Image must be 150 dpi at full print size
- Acceptable file types:
  - Joint Photographic Experts Group – .jpg
  - Tagged Image File Format – .tiff

Solid Color Requirements:

- Custom colors are available
- Coordinating colors available on suspension systems and perimeter trims

armstrongceilings.com/commercial

TechLine 877 276-7876
CREATE!™
ULTIMA®, ULTIMA® Health Zone™, OPTIMA®
Square Lay-in, Tegular & Vector®
fine texture

THEMES – Available on ULTIMA®, ULTIMA® HEALTH ZONE™, OPTIMA® CREATE!™ Panels

<table>
<thead>
<tr>
<th>Blooms</th>
<th>Dragonflies</th>
<th>Stars</th>
<th>Bubbles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Panel</td>
<td>4-Panel Design 022 (Add A, B, C, or D for individual panel order)</td>
<td>Single Panel Design 041</td>
<td>Single Panel Design 011</td>
</tr>
<tr>
<td>Design 021</td>
<td>Design 051</td>
<td>Single Panel Design 042</td>
<td>Single Panel Design 012</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Single Panel Design 043</td>
<td>Single Panel Design 013</td>
</tr>
</tbody>
</table>

WOOD LOOKS – Available on ULTIMA HEALTH ZONE CREATE! Square Lay-in panels
Due to printing limitations, shade may vary from actual product.

<table>
<thead>
<tr>
<th>Bamboo (BA)</th>
<th>Barnwood (BW)</th>
<th>Light Cherry (LC)</th>
<th>Oak (OK)</th>
<th>Walnut (WN)</th>
</tr>
</thead>
</table>

CALL, DON’T FALL – Available on ULTIMA HEALTH ZONE CREATE! Square Lay-in Panels
Reinforce safety in patient rooms by printing warning messages, in any language, on ceiling panels. Add your custom design or choose one of these.

More design options online at armstrongceilings.com/calldontfall

Custom CREATE!™ Designs
Choose from the standard colors shown on the front of Create! 6” x 6” submittal samples. Keep in mind, sheen varies slightly depending on base panel selection (Ultima, Ultima Health Zone, Optima). Custom colors available.
NOTE: Replacement panels may vary slightly in color due to material variations over time. Product could have slight color variation from run to run; adequate attic stock should be ordered.

Optima® Create!™ Vector® panels with Prelude® XL® suspension system
Ultima® Create!™ Vector® panels in Oak Wood Looks with Prelude® XL® suspension system
Ultima® Create!™ Custom panels with Prelude® XL® suspension system
Ultima® Create!™ Custom panels with Prelude® XL® suspension system
ULTIMA® or OPTIMA® CREATE!™ Square Lay-in, Tegular & Vector® fine texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRELUDE® XL®</td>
<td>Z1910UC1</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td></td>
<td>Z33520C1</td>
<td>24 x 24 x 1&quot;</td>
</tr>
<tr>
<td>SQUARE LAY-IN</td>
<td>Z1912UC1</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td></td>
<td>Z38010C1</td>
<td>24 x 24 x 7/8&quot;</td>
</tr>
<tr>
<td>TEGULAR</td>
<td>Z1920UC1</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td>VECTOR®</td>
<td>Z1936UC1</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
</tbody>
</table>

NOTE: Replacement panels may vary slightly in color due to material variations over time. Product could have slight color variation from run to run; adequate attic stock should be ordered. Ultima® Health Zone™ ceilings have different scrim surface than Ultima® or Optima® which may affect color.

PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
<th>BETTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z1910UC1</td>
<td>24 x 24 x 3/4&quot;</td>
<td>Class A</td>
</tr>
<tr>
<td>Z33520C1</td>
<td>24 x 24 x 1&quot;</td>
<td>Class A</td>
</tr>
<tr>
<td>Z1912UC1</td>
<td>24 x 24 x 3/4&quot;</td>
<td>Class A</td>
</tr>
<tr>
<td>Z38010C1</td>
<td>24 x 24 x 7/8&quot;</td>
<td>Class A</td>
</tr>
<tr>
<td>Z1936UC1</td>
<td>24 x 24 x 3/4&quot;</td>
<td>Class A</td>
</tr>
</tbody>
</table>

2-letter color suffix to item when specifying or ordering standard Wood Looks items.

SUSPENSION SYSTEMS AND EDGE DETAILS

1/4"

100% RECYCLED CONTENT

15/16"

Any Color Available on Suspension Systems and Perimeter Trims

PHYSICAL DATA

Material
Ultima/Ultima® Health Zone: Wet-formed mineral fiber
Optima: Fiberglass with DuraBrite® acoustically transparent membrane with CAC-backing

Surface Finish
Factory-applied latex paint with UV printing

Fire Performance
ASTM E84 surface burning characteristics, Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

ASTM E1264 Classification
Ultima/Ultima Health Zone: Type III, Form 2, Pattern E
Optima: Type XII, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to but not including, standing water and outdoor applications.

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew. Health Zone ceiling panels with BioBlock® Plus performance also resist odor and stain causing bacterial growth.

Acoustical Performance
CAC testing conducted using Silhouette™ suspension system.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
Ultima/Ultima Health Zone:
R Factor – 1.6 (BTU units)
Optima:
R Factor – 3.6 (BTU units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. 1-year limited warranty on color. Details at armstrongceilings.com

Weight: Square Feet/ Carton
Ultima/Ultima Health Zone: 0.05 lbs/SF; 16 SF/ctn
Optima: 0.55 lbs/SF; 16 SF/ctn

Minimum Order Quantity:
1 carton
**DESIGNER™**
Square Lay-in, Tegular
coarse texture

Designer™ panels offer a coarse-textured visual with standard absorption in an economical ceiling panel.

**KEY SELECTION ATTRIBUTES**
- Standard sound absorption
- Cost-effective

### VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DESIGNEr™ Square Lay-in</td>
<td>1</td>
<td>735</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td>DESIGNEr™ Angled Tegular</td>
<td>13</td>
<td>737</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
</tbody>
</table>

### PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
</tbody>
</table>

**COLOR**
White (WH)

### PHYSICAL DATA

- **Material**: Wet-formed mineral fiber
- **Surface Finish**: Factory-applied latex paint
- **Fire Performance**: Class A, Flame Spread Index 25 or less (UL labeled) per ASTM E1264
- **ASTM E1264 Classification**: Type III, Form 2, Pattern F
- **Fire Class A**: Flame Spread Index 25 or less (UL labeled)

### Humidity/Sag Resistance
Standard performance ceiling panels are recommended where the building is enclosed and the HVAC is continuously functioning.

**VOC Emissions**
GREENGUARD Gold Certified

**Insulation Value**
- R Factor – 1.5 (BTU units)
- R Factor – 0.26 (Watts units)

**Warranty**
Details at armstrongceilings.com

**Weight**: Square Feet/Carton
734 – 0.80 lbs/SF; 80 SF/ctn
735, 737 – 0.80 lbs/SF; 64 SF/ctn

**Minimum Order Quantity**: 1 carton

**Metric Items Available**:
735M, 734M, 737M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.
This durable, fine-textured panel offers a non-directional visual.

**KEY SELECTION ATTRIBUTES**

- Dune™ panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today.
- Upgrade look at a modest price.
- Ceiling-2-Ceiling™ Post-consumer Recycled Content options: Items 1773HRC, 1774HRC, 1775HRC, 1776HRC, 1777HRC (check armstrongceilings.com/greengenie).
- USDA-Certified Biobased Product – 100%.
- Durable – Scratch-resistant.
- Non-directional visual reduces scrap and installation time.
- Product can be recycled through the Armstrong Ceilings Recycling Program.
- 30-Year Limited System Warranty against visible sag (excludes items 1796 and 1798), mold and mildew.
- 10-Year replacement panel available for items 1772, 1773, 1774, 1775, 1776.

**COLOR**

- **White** (WH)

**DETAILS**

(Other Suspension Systems compatible. Refer to listing on page 307.)

1. Dune™ Tegular
2. Dune™ Square Lay-in with Prelude® 15/16" suspension system
3. Dune™ Tegular with Suprafine® 9/16" suspension system
4. Dune™ Tegular with Silhouette® XL® 9/16" suspension system with 1/4" reveal
5. Dune™ Tegular with Interlude® XL® HRC 9/16" suspension system
DUNE™
Square Lay-in & Tegular fine texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
<th>UL Classified Acoustics</th>
<th>Fire Performance</th>
<th>Mold &amp; Mildew Protection</th>
<th>Sag Resist</th>
<th>Certified Low VOC Emissions</th>
<th>Scratch</th>
<th>Recycled Content</th>
<th>Recycled Program</th>
<th>30-Yr Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>DUNE™ Square Lay-in</td>
<td>1772</td>
<td>24 x 24 x 5/8&quot;</td>
<td>0.50 30 – Class A 0.83</td>
<td>0.50 35 – Fire Guard™ 0.83</td>
<td>0.50 30 – Class A 0.83</td>
<td>0.50 35 – Fire Guard™ 0.83</td>
<td>0.50 35 – Class A 0.83</td>
<td>0.50 35 – Class A 0.83</td>
<td>0.50 35 – Class A 0.83</td>
<td>0.50 35 – Class A 0.83</td>
<td>0.50 35 – Class A 0.83</td>
<td>0.50 35 – Class A 0.83</td>
</tr>
<tr>
<td>DUNE™ Size Capabilities</td>
<td>Width</td>
<td>Length</td>
<td>N/A</td>
<td>N/A</td>
<td>Class A</td>
<td>N/A</td>
<td>N/A</td>
<td>Class A</td>
<td>N/A</td>
<td>Class A</td>
<td>N/A</td>
<td>Class A</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3/4&quot; or 5/8&quot; Thick</td>
<td>12&quot; - 30&quot;</td>
<td>18&quot; - 72&quot;</td>
<td>0.83</td>
<td>0.83</td>
<td>0.83</td>
<td>0.83</td>
<td>0.83</td>
<td>0.83</td>
<td>0.83</td>
<td>0.83</td>
<td>0.83</td>
</tr>
</tbody>
</table>

**PHYSICAL DATA**

- Material: Wet-formed mineral fiber
- Surface Finish: Factory-applied latex paint
- Fire Performance: ASTM E84 and CAN/ULC S101 surface burning characteristics, Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled). Fire Guard™: A fire-resistant ceiling when used in applicable UL assemblies (Class A). ASTM E1264 Classification: Type III, Form 2, Pattern C E Fire Class A
- Humidity/Sag Resistance: HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Excludes large made-to-order panels.
- Mold/Mildew Protection: Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

Acoustical Performance: CAC testing conducted using Silhouette® suspension system.

VOC Emissions: GREENGUARD Gold Certified


Primary (Embodied) Energy: See all LCA information on our EPDs.

High Recycled Content: Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines. HRC items contain 15% or greater post-consumer recycled ceilings.

Insulation Value:
- R Factor – 1.6 (BTU units)
- R Factor – 0.28 (Watts units)

30-Year Performance Guarantee & Warranty: When installed with Armstrong® Suspension System. Details at armstrongceilings.com (Excludes items 1796, 1798, and large other size panels).

Weight: Square Feet/Carton
- 1772 – 0.94 lbs/SF, 64 SF/ctn
- 1773 – 0.83 lbs/SF, 72 SF/ctn
- 1796 – 1.33 lbs/SF, 72 SF/ctn
- 1798 – 1.14 lbs/SF, 64 SF/ctn
- 1850 – 1.19 lbs/SF, 48 SF/ctn
- 1851 – 1.22 lbs/SF, 64 SF/ctn

Minimum Order Quantity: 1 carton, excludes made-to-order panels

Metric Items Available:
- 1772M, 1850M, 1773M, 1851M, 1796M, 1798M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

TechLine 877 276-7876
armstrongceilings.com/commercial
HumiGuard® Plus ceiling panels are recommended for:
- Humidity/Sag Resistance
- Fire Class A
- Type III, Form 2, Pattern C E
- ASTM E1264 Classification (as Class A).

A fire-resistive ceiling when used in applicable UL made-to-order panels.

Areas subject to high humidity, up to, but not including,Developed Index 50 or less (UL labeled). Fire Guard™:
- characteristics. Flame Spread Index 25 or less. Smoke
- ASTM E84 and CAN/ULC S102 surface burning

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DUNE™ Tegular</td>
<td>15/16&quot; Angled</td>
<td>1774 1774HRC</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td></td>
<td>15/16&quot;</td>
<td>1853</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td></td>
<td>9/16&quot; Beveled</td>
<td>1776 1776HRC</td>
<td>24 x 48 x 5/8&quot;</td>
</tr>
<tr>
<td></td>
<td>29, 44, 48, 52, 56</td>
<td>1775 1775HRC</td>
<td>24 x 48 x 5/8&quot;</td>
</tr>
<tr>
<td></td>
<td>29, 44, 48, 52, 56</td>
<td>1852</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td></td>
<td>9/16&quot; Beveled</td>
<td>1777 1777HRC</td>
<td>24 x 48 x 5/8&quot;</td>
</tr>
</tbody>
</table>

**PHYSICAL DATA**

- Material: Wet-formed mineral fiber
- Surface Finish: Factory-applied latex paint
- Fire Performance: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled). Fire Guard™:
- A fire-resistant ceiling when used in applicable UL assemblies (Class A).
- ASTM E1264 Classification: Type III, Form 2, Pattern C E
- Fire Class A
- Humidity/Sag Resistance: HumiGuard®

**SUSPENSION SYSTEMS**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Prelude® Prelude® XL® Fire Guard</td>
<td>12 * 30&quot;</td>
<td>18&quot; - 72&quot;</td>
<td></td>
</tr>
<tr>
<td>Silhouette® 1/4&quot; Reveal</td>
<td>12&quot; - 30&quot;</td>
<td>18&quot; - 72&quot;</td>
<td></td>
</tr>
<tr>
<td>Silhouette® 1/8&quot; Reveal</td>
<td>12&quot; - 30&quot;</td>
<td>18&quot; - 72&quot;</td>
<td></td>
</tr>
<tr>
<td>Superfine® Superfine® XL® Fire Guard</td>
<td>12&quot; - 30&quot;</td>
<td>18&quot; - 72&quot;</td>
<td></td>
</tr>
<tr>
<td>Interlude®</td>
<td>12&quot; - 30&quot;</td>
<td>18&quot; - 72&quot;</td>
<td></td>
</tr>
<tr>
<td>Sonata®</td>
<td>12&quot; - 30&quot;</td>
<td>18&quot; - 72&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**Mold/Mildew Protection**

Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

**Acoustical Performance**

CAC testing conducted using Silhouette® suspension system.

**VOC Emissions**

GREENGUARD Gold Certified


**Primary (Embodied) Energy**

See all LCA information on our EPDs.

**High Recycled Content**

Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial).

**30-Year Performance Guarantee & Warranty**

Contact your representative for more details.

**Typical Dimensions**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>1774 1774HRC</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td>12</td>
<td>1853</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td>12</td>
<td>1776 1776HRC</td>
<td>24 x 48 x 5/8&quot;</td>
</tr>
<tr>
<td>29, 44, 48, 52, 56</td>
<td>1775 1775HRC</td>
<td>24 x 48 x 5/8&quot;</td>
</tr>
<tr>
<td>29, 44, 48, 52, 56</td>
<td>1852</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td>29, 44, 48, 52, 56</td>
<td>1777 1777HRC</td>
<td>24 x 48 x 5/8&quot;</td>
</tr>
</tbody>
</table>

1 Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

**LEED® is a registered trademark of the U.S. Green Building Council.**

UL is a registered trademark of UL LLC. All other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates.

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Contact your representative for more details.
DUNE™ Second Look®
Scored Tegular
fine texture

**KEY SELECTION ATTRIBUTES**
- Upgrade look at a modest price
- DUNE™ Second Look® panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- USDA Certified Biobased Content – 100%
- Durable – Scratch-resistant
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- 10-Year replacement panel available for item 2711, 2712, 2722

**FACE VIEW**
- Second Look I panel – Scoring creates nominal 12” x 12” squares
- Second Look II panel – Scoring creates nominal 24” x 24” squares

**COLOR**
White (WH)

---

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg.</th>
<th>Item No.</th>
<th>Dimensions</th>
<th>Acoustics</th>
<th>Fire</th>
<th>Light</th>
<th>Mod &amp; Scratches</th>
<th>Durability</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>DUNE™ Second Look I</td>
<td>15/16” Angled Tegular</td>
<td>2711</td>
<td>24 x 48 x 3/4”</td>
<td>0.50 35</td>
<td>–</td>
<td>Class A 0.83</td>
<td>•</td>
<td>•</td>
<td>Std</td>
</tr>
</tbody>
</table>

**PERFORMANCE SELECTION**

**SUSPENSION SYSTEMS**

| 15/16” | Prelude® |
| 9/16” | Suprafine® |

---

**PHYSICAL DATA**

**Material**
Wet-formed mineral fiber

**Surface Finish**
Factory-applied latex paint

**Fire Performance**
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

**ASTM E1264 Classification**
Type III, Form 2, Pattern C E K

**Fire Class A**

**Humidity/Sag Resistance**
HumGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

**Mold/Mildew Protection**
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

**VOC Emissions**
GREENGUARD Gold Certified

**Insulation Value**
R Factor – 1.6 (BTU units)
R Factor – 0.28 (Watts units)

**UL Classified Acoustics**
UL Classified (acoustics)

**Certified Low VOC Emissions**
UL 2818

**30-Year Performance Guarantee & Warranty**
When installed with Armstrong Suspension System.

**GreenGUARD Gold Certified**

**LEED®**
A registered trademark of the U.S. Green Building Council

**Design Consideration**
Do not mix DUNE™ Second Look® with standard Dune panels in the same room.

**30-Year Performance Guarantee & Warranty**
When installed with Armstrong Suspension System.

**Weight, Square Feet/ Carton**
1.00 lbs/SF; 80 SF/ctn

**Minimum Order Quantity**
1 carton

**Metric Items Available**
2711M, 2722M, 2712M – Metric items are subject to extended lead times and minimum quantities.

Contact your representative for more details.

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FINE FISSIONED™
Tile
medium texture

Fine Fissured™ panels offer a non-directional visual, standard acoustics, and concealed or tongue-and-groove installation.

KEY SELECTION ATTRIBUTES

- 12” x 12” concealed tile option provides grid-hiding monolithic installation
- Non-directional visual reduces scrap and installation time
- 30-Year Limited System Warranty against visible sag, mold and mildew

COLORS

White (WH)
FINE FISSURED™
Tile
medium texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
<th>SUSPENSION SYSTEM</th>
<th>STAPLE UP/ADHESIVE</th>
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<tbody>
<tr>
<td>Conventional</td>
<td>66</td>
<td>12 x 12 x 5/8”</td>
<td>15/16” Concealed</td>
<td>Prelude® Concealed</td>
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<tr>
<td>Conventional</td>
<td>746</td>
<td>12 x 12 x 5/8”</td>
<td>Tongue-and-Groove</td>
<td>Adhesive</td>
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<tr>
<td>Tongue-and-Groove</td>
<td>63</td>
<td>12 x 12 x 1/2”</td>
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</tr>
</tbody>
</table>

* Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

SUSPENSION SYSTEM

STAPLE UP/ADHESIVE

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

VOC Emissions
GREENGUARD Gold Certified

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

PHYSICAL DATA

Material
Wet-formed mineral fiber
Surface Finish
Factory-applied latex paint
Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)
ASTM E1264 Classification
Type III, Form 2, Pattern C E
Fire Class A
Humidity/Sag Resistance
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

VOC Emissions
GREENGUARD Gold Certified

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 1.6 (BTU units)
R Factor – 0.28 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

Weight: Square Feet/Carpet
741 – 0.75 lbs/SF; 40 SF/ctn
746 – 0.90 lbs/SF; 40 SF/ctn

Minimum Order Quantity
1 carton
This economical, non-directional panel is available in standard and high-acoustical absorption options.

### KEY SELECTION ATTRIBUTES

- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance
- Meets ANSI S12.60 Classroom Guidelines: Items 1713, 1714, 1810, 1811
- Economical
- Non-directional visual reduces scrap and installation time
- 30-Year Limited System Warranty against visible sag (excludes item 1738), mold and mildew
- 10-Year replacement panel available for items 1713, 1714, 1728

### COLORS

Due to printing limitations, shade may vary from actual product.

- **White (WH)**
- **Cream (CR)**
- **Haze (HA)**
- **Camel (CM)**
- **Platinum (PL)**
- **Adobe (AD)**
- **Tech Black (BL)**

Items 1728 and 1729 are available in colors. Item 1713 is available in Black and White. All other items are available in White only. Colored ceilings are dye-lotted and should be segregated by dye lot. Do not mix.

### DETAILS

1. Fine Fissured™ Square Lay-in
2. Fine Fissured™ Square Lay-in with Prelude® XL® 15/16” suspension system

See more photos at: armstrongceilings.com/photogallery

SEARCH: fine fissured
FINE FISSURED™
FINE FISSURED™ High NRC
Square Lay-in
medium texture

VISUAL SELECTION

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FINE FISSURED™
Square Lay-in

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<tr>
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PERFORMANCE SELECTION

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<th>Articulation Class</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Mold &amp; Mildew Protection</th>
<th>Sig Resist</th>
<th>Certified Low VOC Emissions</th>
<th>Recycled Content</th>
<th>Durability</th>
<th>Recycled Content Program</th>
<th>30-Yr. Warranty</th>
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<td>Fire Guard™</td>
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<td>• • Std</td>
<td>Std</td>
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<td>Class A</td>
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<td>Class A</td>
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<td>Class A</td>
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MORE ITEMS

SUSPENSION SYSTEMS

15/16”

Prelude®
Prelude® XL™ Fire Guard™

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 thermal burning characteristics. Flame Spread Index 25 or less.
Smoke Developed Index 50 or less (UL labeled)
Fire Guard: A fire-resistant ceiling when used in applicable UL assemblies (Class A).

ASTM E1264 Classification
Type III, Form 2, Pattern C E; Fire Class A

Humidity/Sag Resistance
HumGuard™ Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

VOC Emissions
GREENGUARD Gold Certified
When installed with Armstrong® Suspension System.

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System.
Details at armstrongceilings.com

Weight, Square Feet/Carton
1728 – 0.70 lbs/SF; 64 SF/ctn
1729 – 0.70 lbs/SF; 96 SF/ctn
465 – 0.70 lbs/SF; 64 SF/ctn
1754 – 0.93 lbs/SF; 40 SF/ctn
1755 – 1.08 lbs/SF; 48 SF/ctn
1756 – 1.08 lbs/SF; 40 SF/ctn
1757 – 1.08 lbs/SF; 48 SF/ctn
1831 – 1.05 lbs/SF; 64 SF/ctn

Minimum Order Quantity
1 carton, excludes made-to-order panels

Details at armstrongceilings.com/greengenie

Calculate LEED contribution at armstrongceilings.com/greengenie

TechLine 877 276-7876
armstrongceilings.com/commercial
FINE FISSURED™
FINE FISSURED™ High NRC
Square Lay-in
medium texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg. No.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
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<td>FINE FISSURED™</td>
<td>1830</td>
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<td>24 x 48 x 5/8&quot;</td>
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<tr>
<td>FINE FISSURED™</td>
<td>1737</td>
<td>1</td>
<td>24 x 60 x 5/8&quot;</td>
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<tr>
<td>FINE FISSURED™</td>
<td>1738</td>
<td>1</td>
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FINE FISSURED™
Size Capabilities

<table>
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<tr>
<th>Type</th>
<th>Width (Inches)</th>
<th>Length (Inches)</th>
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</thead>
<tbody>
<tr>
<td>15/16&quot;</td>
<td>3/4&quot; or 5/8&quot; Thick</td>
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<tr>
<td>12&quot; - 30&quot;</td>
<td>18&quot; - 72&quot;</td>
<td></td>
</tr>
</tbody>
</table>

UL Classified Acoustics

- Class A
- Class A
- Class A

Fire Performance

- Fire Guard: A fire-resistive ceiling when used in applicable US assemblies (Class A).

Certified Low VOC Emissions

- Std
- Std
- Std

Recycled Content

- Std
- Std
- Std

30-Year Warranty

- 1-Yr

MORE ITEMS

SUSPENSION SYSTEMS

15/16" Prelude® XL® Fire Guard™

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled). Fire Guard: A fire-resistive ceiling when used in applicable US assemblies (Class A).

ASTM E1264 Classification
Type III, Form 2, Pattern C E; Fire Class A

Humidity/Sag Resistance
Humiflex® Plus panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Excluding Item 1738 and other size panels.

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
Square Lay-in Items
R Factor – 1.5 (BTU units)
R Factor – 0.28 (Watts units)

VOC Emissions
GREENGUARD Gold Certified

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com (Excludes items 1755, 1738, and other size panels)

Weight, Square Feet/Carton
466 – 0.70 lbs/SF; 96 SF/carton
1738 – 0.80 lbs/SF; 75 SF/carton
1737 – 0.93 lbs/SF; 100 SF/carton
1830 – 1.05 lbs/SF; 64 SF/carton

Minimum Order Quantity
1 carton, excludes made-to-order panels

Metric Items Available
1737M, 1738M, 1810M, 1811M, 1830M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.
FINE FISSIONED™
FINE FISSIONED™ High NRC
Square Lay-in
medium texture

VISUAL SELECTION

<table>
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<tbody>
<tr>
<td>Square Lay-in</td>
<td>1713 1713BL</td>
<td>24 x 24 x 3/4&quot;</td>
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<td>1710</td>
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<tr>
<td>1714</td>
<td>24 x 48 x 3/4&quot;</td>
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<td></td>
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<tr>
<td>1811</td>
<td>24 x 48 x 3/4&quot;</td>
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Size Capabilities

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<th>Length</th>
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</thead>
<tbody>
<tr>
<td>3/4&quot; Thick</td>
<td>12&quot; - 30&quot; 18&quot; - 72&quot;</td>
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PERFORMANCE SELECTION

- Lay-in 15/16"

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<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics</th>
<th>Articulation Class</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Mold &amp; Mildew Protection</th>
<th>Sag Resist</th>
<th>Certified Low Voc Emissions</th>
<th>Durability</th>
<th>Recycled Content</th>
<th>Recycle Program</th>
<th>30-Yr. Warranty</th>
</tr>
</thead>
</table>

- **Better** - Class A 0.85* - Std - Std - Std
- **Better** - Fire Guard - 0.85 - Std - Std - Std
- **Better** - Class A 0.85 - Std - Std - Std
- **Better** - Fire Guard - 0.85 - Std - Std - Std

SUSPENSION SYSTEMS

15/16"

Prelude® XL™ Fire Guard™

PHYSICAL DATA

- Material: Wet-formed mineral fiber
- Surface Finish: Factory-applied latex paint
- Fire Performance: ASTME84 and CAN/ULC S102 surface burning characteristics, Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL-labeled), Fire Guard: A fire-resistant ceiling when used in applicable UL assemblies (Class A).
- Type III, Form 2, Pattern C E; Fire Class A
- Humidity/Sag Resistance: HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to but not including standing water and outdoor applications. Excluding Item 1738 and other size panels.
- Mold/Mildew Protection: Ceiling panels with BioBlock® performance resist the growth of mold and mildew.
- Insulation Value: R Factor – 1.5 (BTU units) R Factor – 0.26 (Watts units)

VOC Emissions: GREENGUARD Gold Certified

30-Year Performance Guarantee & Warranty

When installed with Armstrong® Suspension System. Details at armstrongceilings.com (Excludes items 1755, 1738, and other size panels)

Weight: Square Feet/Carton

1713, 1810 – 1.31 lbs/SF; 64 SF/ctn
1714, 1811 – 1.38 lbs/SF; 64 SF/ctn
30-Year Performance Guarantee & Warranty

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Tech Line / 1 877 276-7876
armstrongceilings.com/commercial (search: fine fissured)
BPCS-3227-718
This economical, non-directional panel available in standard and high acoustical absorption options.

KEY SELECTION ATTRIBUTES

- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics performance
- Options provide excellent combination of acoustical performance NRC (up to 0.75), CAC (up to 35), and Articulation Class (170)
- Fine Fissured™ School Zone® items help comply with ANSI S12.60 Classroom Guidelines
- Non-directional visual reduces scrap and installation time
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- 10-Year replacement panel available for Item 1732,1734

COLORS  Due to printing limitations, shade may vary from actual product.

White (WH)  Cream (CR)  Haze (HA)  Camel (CM)  Platinum (PL)  Adobe (AD)

Item 1732 is available in colors. All other items are available in White only. Colored ceilings are dye-lotted and should be segregated by dye lot. Do not mix.

DETAILS  (Other Suspension Systems compatible. Refer to listing on page 317.)

1. Fine Fissured™ Beveled Tegular
2. Fine Fissured™ Angled Tegular
3. Fine Fissured™ Tegular with Suprafine® 9/16" suspension system
FINE FISSURED™
FINE FISSURED™ High NRC

HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not in applicable UL classifications. Flame Spread Index 25 or less. (UL labeled).

Smoke Developed Index 50 or less. (UL labeled). Characteristics. Flame Spread Index 25 or less.

Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

CONTENTS

MATERIAL

Wet-formed mineral fiber

Surface Finish

Factory-applied latex paint

Fire Performance

ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled).

Fire Guard™: A fire-resistant ceiling when used in applicable UL assemblies. (Class A).

ASTM E1264 Classification

Type III, Form 2, Pattern C E

Humidity/Sag Resistance

HumilGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing wafer and outdoor applications.

Mold/Mildew Protection

Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

VOC Emissions

GREENGUARD Gold Certified Third-party certified compliant with California Department of Public Health (CDPH)/EHIL/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189. ANSI/GBI Green Building Assessment Protocol (excludes item 1732 in colors).

Acoustical Performance

CAC testing conducted using Prelude® XL® suspension system for 15/16” edge detail and Silhouette suspension system for 9/16” edge detail.

High Recycled Content

Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value

R Factor – 0.26 (Watts units)

R Factor – 0.26 (BTU units)

R Factor – 1.5 (BTU units)

R Factor – 0.26 (Watts units)

30-Year Performance Guarantee & Warranty

When installed with Armstrong® Suspension System. Details at armstrongceilings.com.

Weight: Square Feet/Carton

1732 – 0.70 lbs/SF, 64 SF/ctn

1733 – 0.70 lbs/SF, 52 SF/ctn

1732M, 1733M, 1756M, 1757M, 1758M – 1.08 lbs/SF; 48 SF/ctn

1756, 1758 – 1.08 lbs/SF; 40 SF/ctn

1833 – 1.05 lbs/SF; 48 SF/ctn

1733 – 0.70 lbs/SF; 64 SF/ctn

Minimum Order Quantity

1 carton

4x100 sheets (example)

Details at armstrongceilings.com/greengenie

More Items
FINE FISSURED™
FINE FISSURED™ High NRC
Tegular
medium texture

VISUAL SELECTION

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FINE FISSURED™ Size Capabilities

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School Zone® FINE FISSURED

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<td>24 x 48 x 3/4&quot;</td>
<td>N/A</td>
<td>–</td>
<td>Fire Guard™</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>•</td>
<td></td>
</tr>
</tbody>
</table>

1 Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

GOOD (NRC 0.60-0.65; CAC 35+) BETTER (NRC 0.70-0.75; CAC 35+) BEST (NRC 0.80+; CAC 35+)
**FINE FISSURED™**
**FINE FISSURED™** High NRC

Tegular
medium texture

### VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwgs.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>School Zone® FINE FISSURED™</td>
<td>9/16&quot;</td>
<td>1719</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td>Beveled Tegular</td>
<td>9/16&quot;</td>
<td>1821</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
</tbody>
</table>

### SUSPENSION SYSTEMS

15/16"

**Prelude® XL® Fire Guard™**

9/16"

**Silhouette®**

1/4" Reveal

**Silhouette®**

1/8" Reveal

**Suprafine®**

Suprafine® XL® Fire Guard™

**Interlude®**

**Sonata®**

### PHYSICAL DATA

**Material**
Wet-formed mineral fiber

**Surface Finish**
Factory-applied latex paint

**Fire Performance**
ASTM E84 and CAN/ULC S1012 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. UL listed. Fire Guard™: A fire-resilient ceiling when used in applicable UL assemblies (Class A).

**ASTM E1264 Classification**
Type III, Form 2, Pattern C E Fire Class A

**Humidity/Sag Resistance**
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

**Mold/Mildew Protection**
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

**VOC Emissions**
GREENGUARD Gold Certified

**Acoustical Performance**
CACC testing conducted using Prelude® XL® suspension system for 15/16" edge detail and Silhouette® suspension system for 9/16" edge detail.

**High Recycled Content**
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

---

**Insulation Value**
R Factor – 1.5 (BTU units)

**30-Year Performance Guarantee & Warranty**
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

**Weight, Square Feet/Carton**
15/16" and 9/16" panels available. Details at armstrongceilings.com.

**Minimum Order Quantity**
1 carton, excludes made-to-order panels

**Metric Items Available**
15/16" and 9/16" panels available. Details at armstrongceilings.com.

**LEED® Certification**
- **Green Building Program**
- **LEED v4 v3 v2.1 v2.0**
- **Regional**
- **National**
- **Certified**
- **Sustainable**
- **Certified Low VOC Emissions**
- **Durability**

---

**Greengenie**
Calculate LEED contribution at armstrongceilings.com/greengenie

**Regional Sourcing**
Locally sourced products for LEED credits.

---

**Contact**
Contact your representative for more details.

---

**Armstrong® Suspension System**

319

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**Armstrong® Ceiling & Wall Solutions**

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FINE FISSURED™
Second Look®
Scored Tegular
medium texture

This panel offers economical, standard acoustics and scored visuals.

KEY SELECTION ATTRIBUTES

- Geometric scored visuals
- Economical option to create a designer look
- 10-Year replacement panel available for items 1761

PERFORMANCE SELECTION

Dots represent high level of performance.

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Fire Resist</th>
<th>Sag Resist</th>
<th>VOC Emissions</th>
<th>Recycled Content</th>
<th>Green Economy</th>
<th>30-Yr Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot; Angled</td>
<td>1760</td>
<td>24 x 48 x 3/4&quot;</td>
<td>0.55 35 – Class A 0.84</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>15/16&quot; Angled</td>
<td>1761</td>
<td>24 x 48 x 3/4&quot;</td>
<td>0.55 35 – Class A 0.84</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>9/16&quot; Angled</td>
<td>1765</td>
<td>24 x 48 x 3/4&quot;</td>
<td>0.55 30 – Class A 0.84</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

1 Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

This panel is also GREENGUARD Gold Certified (details below).

COLOR

White (WH)

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
AGT E64 and CANULC-S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled). Fire Guard™. A fire-resisting ceiling when used in applicable UL assemblies (Class A).

ASTM E1264 Classification
Type III, Form 2, Pattern C E K Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water or outdoor applications.

VOC Emissions
GREENGUARD Gold Certified

Insulation Value
R Factor – 1.6 (BTU units)
R Factor – 0.28 (Watts units)

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30-Year Performance Guarantee & Warranty
When installed with Armstrong® suspension system. Details at armstrongceilings.com

Design Consideration
Do not mix Fine Fissured™ Second Look® panels with standard Fine Fissured panels in the same room.

Weight; Square Feet/Carton
0.75 lbs/SF; 80 SF/ctn

Minimum Order Quantity
1 carton

Metric Items Available
1761M - Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.
**FISSURED™**
Square Lay-in & Tegular
medium texture

This economical panel with a directional, fissured visual offers standard acoustics.

**KEY SELECTION ATTRIBUTES**
- Economical
- Directional fissured image

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>1</td>
<td>756</td>
<td>24 x 24 x 5/8&quot;</td>
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<tr>
<td>15/16&quot; Square Lay-in</td>
<td>1</td>
<td>896</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>1</td>
<td>755</td>
<td>24 x 48 x 5/8&quot;</td>
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<tr>
<td>15/16&quot; Square Lay-in</td>
<td>1</td>
<td>895</td>
<td>24 x 48 x 5/8&quot;</td>
</tr>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td>12</td>
<td>705</td>
<td>24 x 24 x 5/8&quot;</td>
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<tr>
<td>15/16&quot; Angled Tegular</td>
<td>12</td>
<td>815</td>
<td>24 x 24 x 5/8&quot;</td>
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**COLOR**
White (WH)

**SUSPENSION SYSTEMS**

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8&quot; Thick</td>
<td>Made-to-Order Sizes (4 - 6 Wks)</td>
</tr>
<tr>
<td>12&quot; - 30&quot;</td>
<td>18&quot; - 72&quot;</td>
</tr>
</tbody>
</table>

**PHYSICAL DATA**

**Material**
Wet-formed mineral fiber

**Surface Finish**
Factory-applied latex paint

**Fire Performance**
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). Fire Guard™: A fire-resistive ceiling when used in applicable UL assemblies (Class A).

ASTM E1284 Classification
Type III, Form 2, Pattern C D
Fire Class A

**Humidity/Sag Resistance**
Standard performance ceiling panels are recommended where the building is enclosed and the HVAC is continuously functioning.

**VOC Emissions**
GREENGUARD Gold Certified

**Insulation Value**
755, 756, 815, 816 – R Factor – 1.5 (BTU units)
R Factor – 0.26 (Watts units)

**UL Classified Acoustics**

<table>
<thead>
<tr>
<th>NRC</th>
<th>Total Acoustics</th>
<th>Fire</th>
<th>Fire Guard</th>
<th>Light Reflect</th>
<th>Mod &amp; Mold Protection</th>
<th>Sag</th>
<th>Sag Rest</th>
<th>Certified Low VOC Emissions</th>
<th>Durability</th>
<th>Recycled Content</th>
<th>Recycle</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.55</td>
<td>30 – Class A 0.81</td>
<td>Std</td>
<td>Std Std</td>
<td>1-Yr</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.55</td>
<td>35 – Fire Guard™ 0.81</td>
<td>Std</td>
<td>Std Std</td>
<td>1-Yr</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>0.55</td>
<td>30 – Class A 0.81</td>
<td>Std</td>
<td>Std Std</td>
<td>1-Yr</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.55</td>
<td>35 – Fire Guard™ 0.81</td>
<td>Std</td>
<td>Std Std</td>
<td>1-Yr</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.55</td>
<td>30 – Class A 0.81</td>
<td>Std</td>
<td>Std Std</td>
<td>1-Yr</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.55</td>
<td>35 – Fire Guard™ 0.81</td>
<td>Std</td>
<td>Std Std</td>
<td>1-Yr</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Credit**
Calculate LEED contribution at armstrongceilings.com/greengenie
GEORGIAN™ & GEORGIAN™ HIGH WASHABILITY
Square Lay-in & Tegular
medium texture

This medium-textured panel offers good acoustics and high washability options to meet USDA/FSIS guidelines.

KEY SELECTION ATTRIBUTES
- Unique spatter-painted visual
- Total Acoustics® options (Items 795, 796)
- High Washability items available
  - Meets USDA/FSIS guidelines for use in food processing establishments

TYPICAL APPLICATIONS
- Schools/classrooms (Items 795, 796)
- Corridors/conference rooms
- Kitchen/food preparation areas (Items 793, 794)

COLOR
White (WH)

DETAILS (Other Suspension Systems compatible. Refer to listing on page 323.)
1. Georgian™ Beveled Tegular
2. Georgian™ Beveled Tegular with Prelude® 15/16" suspension system
3. Georgian™ Beveled Tegular with Silhouette® 9/16" suspension system 1/4" Reveal
**GEORGIAN™ & GEORGIAN™ HIGH WASHABILITY**
Square Lay-in & Tegular medium texture

### VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>GEORGIAN™</td>
<td>armstrongceilings.com/catdwgs</td>
<td>764</td>
<td>24 x 24 x 5/8&quot;</td>
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<tr>
<td>15/16&quot; Square Lay-in</td>
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<td>763</td>
<td>24 x 48 x 5/8&quot;</td>
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<tr>
<td>15/16&quot; Beveled Tegular</td>
<td>armstrongceilings.com/catdwgs</td>
<td>1752</td>
<td>24 x 24 x 5/8&quot;</td>
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<tr>
<td>9/16&quot; Beveled Tegular 48, 52, 56</td>
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<td>1753</td>
<td>24 x 24 x 5/8&quot;</td>
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**GEORGIAN™ – High Washability Panels, Unperforated**

<table>
<thead>
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<th>Item No.</th>
<th>Dimensions (Inches)</th>
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<tbody>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>794</td>
<td>24 x 24 x 5/8&quot;</td>
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<tr>
<td>15/16&quot; Square Lay-in</td>
<td>796</td>
<td>24 x 24 x 3/4&quot;</td>
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</tbody>
</table>

**SCHOOL ZONE® GEORGIAN**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>791</td>
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</tbody>
</table>

**SCHOOL ZONE® GEORGIAN Size Capabilities**

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
<th>Made-to-Order Sizes (3-4 Wks)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot; Thick</td>
<td></td>
<td>12&quot; - 30&quot; 18&quot; - 72&quot;</td>
</tr>
</tbody>
</table>

### PERFORMANCE SELECTION

**UL Classified Acoustics**

<table>
<thead>
<tr>
<th>NRC</th>
<th>CAC</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Light Reflectance</th>
<th>Sound Absorption</th>
<th>Sag Resistance</th>
<th>HumiGuard®</th>
<th>Durability</th>
</tr>
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<tbody>
<tr>
<td>0.55</td>
<td>33</td>
<td>Class A</td>
<td>0.86</td>
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<td>1-Yr</td>
</tr>
<tr>
<td>0.55</td>
<td>33</td>
<td>Class A</td>
<td>0.86</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>1-Yr</td>
<td></td>
</tr>
<tr>
<td>0.55</td>
<td>33</td>
<td>Class A</td>
<td>Std</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.55</td>
<td>35</td>
<td>Class A</td>
<td>0.86</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>1-Yr</td>
<td></td>
</tr>
<tr>
<td>0.55</td>
<td>35</td>
<td>Class A</td>
<td>0.86</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>1-Yr</td>
<td></td>
</tr>
</tbody>
</table>

### SUSPENSION SYSTEMS

<table>
<thead>
<tr>
<th>Susp. Dwg.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; Reveal</td>
<td>Silhouette®</td>
<td>9/16&quot;</td>
</tr>
<tr>
<td>1/8&quot; Reveal</td>
<td>Supraline®</td>
<td></td>
</tr>
<tr>
<td>1/8&quot; Reveal</td>
<td>Interlude®</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sonata®</td>
<td></td>
</tr>
</tbody>
</table>

### PHYSICAL DATA

**Material**

- Wet-formed mineral fiber
- Surface Finish: Factory-applied latex paint
- Fire Performance: ASTM E84 and CAN/ULC S102 surface burning characteristics; Flame Spread Index 25 or less. Smoke Developed Index 30 or less (UL labeled). Fire Guard™: A fire-resilient ceiling when used in applicable UL assemblies (Class A).
- ASTM E1264 Classification
- Type III, Form 2, Pattern C E
- Type IX, Form 2, Pattern G
- Fire Class A
- Sag Resistance: HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to but not including, standing water and outdoor applications. Excludes item 791 and made-to-order panels.
- Mold/Mildew Protection: Ceiling panels with BioBlock® performance resist the growth of mold and mildew.
- Acoustical Performance: CAC testing conducted using Silhouette® suspension system.
- High Recycled Content: Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

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GRAPHIS® Finetex™
Wrapped Linear, Cubic & NeoCubic™
fine texture

GRAPHIS® Rustex™
Cubic Beveled & Linear Beveled
coarse texture

These panels offer bold geometric and linear patterns with unique visual designs.

KEY SELECTION ATTRIBUTES

Finetex™
- Finely sculptured geometric patterns
- Single- and multi-design options
- High light reflectance
- 30-Year Limited System Warranty

Rustex™
- Bold geometric designs
- Good sound absorption
- 30-Year Limited System Warranty

NOTE: Finetex™ panels are not recommended for areas requiring acoustical performance

COLOR

White (WH)

DETAILS (Other Suspension Systems compatible. Refer to listing on page 325.)

1. Graphis® Finetex™ Wrapped Linear
2. Graphis® Finetex™ Cubic
3. Graphis® Finetex™ NeoCubic™
4. Graphis® Finetex™ Wrapped Linear with Suprafine® 9/16” suspension system
5. Graphis® Rustex™ Cubic Beveled
6. Graphis® Rustex™ Linear Beveled
7. Graphis® Rustex™ Cubic Beveled with Suprafine® 9/16” suspension system
8. Graphis® Rustex™ Linear Beveled with Suprafine® 9/16” suspension system
**VISUAL SELECTION**

<table>
<thead>
<tr>
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<tr>
<td>Wrapped Linear</td>
<td>8005</td>
<td>24 x 24 x 3/4&quot;</td>
<td>34</td>
<td>N/A</td>
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<td>Cubic</td>
<td>8006</td>
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<td>36</td>
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<td>8007</td>
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<td>35</td>
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**PERFORMANCE SELECTION**

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Mold &amp; Mildew Protection</th>
<th>Sag</th>
<th>Fall</th>
<th>Stiffness</th>
<th>Certified Low-Emission</th>
<th>Durability</th>
<th>Recycled Content</th>
<th>30-Year Warranty</th>
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<tbody>
<tr>
<td>N/A</td>
<td>35</td>
<td>–</td>
<td>0.90</td>
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<td>35</td>
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<td>0.90</td>
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<td>–</td>
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<td>Std</td>
<td>Std</td>
<td>Std</td>
</tr>
<tr>
<td>N/A</td>
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<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
</tr>
</tbody>
</table>

1 Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

**SUSPENSION SYSTEMS**

<table>
<thead>
<tr>
<th>Suspension System</th>
<th>15/16&quot;</th>
<th>9/16&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prelude® Beveled Tegular</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Suprafine® Wrapped Tegular</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Suprafine® Beveled Tegular</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PHYSICAL DATA**

- **Material**: Wet-formed mineral fiber
- **Surface Finish**: Factory-applied latex paint
- **Fire Performance**: ASTM E84 and CAN/ULC S102 surface burning characteristics, Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).
- **ASTM E1264 Classification**: Type III, Form 2, Pattern J 2, Fire Class A
- **Mold/Mildew Protection**: (Rustex™ only) Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

**VOC Emissions**

- **High Recycled Content**: Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

**LEED®** is a registered trademark of the U.S. Green Building Council
UL is a registered trademark of UL LLC. All other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates © 2018 AWI Licensing LLC Printed in the United States of America
A better option to vinyl-covered gypsum, this panel offers a lower cost, lighter weight, more pieces per carton, and meets USDA/FSIS guidelines.

KEY SELECTION ATTRIBUTES

- Easier to cut with less dust
- Recyclable through Armstrong Recycling Program
- Brighter visual with 20% more light reflectance than vinyl-covered gypsum
- Durable – Water-repellent, Washable, Scratch-resistant, Soil-resistant
- Smooth surface meets USDA/FSIS guidelines for use in food processing areas
- 30-Year Limited System Warranty against visible sag, mold, and mildew

TYPICAL APPLICATIONS

- Kitchen/food preparation areas
- Laboratories
- Cafeterias
- Lavatories/restrooms

COLOR

- White

DETAILS

1. Kitchen Zone™ Lay-in
2. Kitchen Zone™ Lay-in with Prelude® 15/16" suspension system
## KITCHEN ZONE™
Square Lay-in
smooth texture

### VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
<th>Total Acoustics</th>
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<td>KITCHEN ZONE™</td>
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<td>N/A 33 Class A 0.89</td>
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<td>1</td>
<td>24 x 48 x 5/8&quot;</td>
<td>N/A 33 Class A 0.89</td>
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</tbody>
</table>

Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

### PHYSICAL DATA

- **Material**: Wet-formed mineral fiber
- **Surface Finish**: Factory-applied latex paint
- **Fire Performance**: ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. ASTM E1264 Classification Type IX, Form 2, Pattern G Fire Class A
- **Humidity/Sag Resistance**: HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

### Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

### VOC Emissions

### Insulation Value
- **R Factor – 1.6 (BTU units)**
- **R Factor – 0.28 (Watts units)**

### Application Consideration
Not designed for use in close proximity to commercial grease ducts.

### SUSPENSION SYSTEMS

| 15/16" | Prelude® |

### 30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

### Cleaning Recommendations
To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface. To disinfect panel, lightly spray surface and wipe clean with a clean, white cloth. Acceptable colorless disinfectants include:
- Sodium hypochlorite
- Hydrogen peroxide
- Quaternary ammonium

### Weight; Square Feet/Carton
- 672 – 0.67 lbs/SF; 96 SF/ctn
- 673 – 0.82 lbs/SF; 64 SF/ctn

### Minimum Order Quantity
1 carton
The dimensional look of old-world plaster ceilings is available in two classic designs.

**KEY SELECTION ATTRIBUTES**

- Dimensional, sculptured visual
- Affordable and practical alternative to embossed plaster panels
- Non-directional visual reduces installation time and scrap

**NOTE:** Not recommended for areas requiring acoustical performance

**COLOR**

- White (WH)

**FACE VIEWS**

- Ledges® I panel
- Ledges II panel

**DETAILS**

1. Ledges® I Flush Tegular
2. Ledges® II Flush Tegular
3. Ledges® I with Prelude 15/16" suspension system
4. Ledges® II with Suprafine® 9/16" suspension system
LEDGES®
Tegular
smooth texture

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
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</thead>
<tbody>
<tr>
<td>15/16&quot; Flush Tegular</td>
<td>4.B</td>
<td>25</td>
<td>24 x 24 x 3/4&quot;</td>
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<tr>
<td>9/16&quot; Flush Tegular</td>
<td>4.A</td>
<td>8013</td>
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**PERFORMANCE SELECTION**

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<tr>
<th>UL Classified Acoustics</th>
<th>NRC</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Mold &amp; Mildew</th>
<th>Sag Resistance</th>
<th>Certif. Low VOC Emissions</th>
<th>Durability</th>
<th>Recycled Content</th>
<th>Warranty</th>
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<tr>
<td>LEDGES® I</td>
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<td>Class A</td>
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<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>1-Yr</td>
</tr>
<tr>
<td>LEDGES II</td>
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<td>Class A</td>
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<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>1-Yr</td>
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</tbody>
</table>

1 Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

**SUSPENSION SYSTEMS**

15/16" Prelude®
9/16" Suprafine®

**PHYSICAL DATA**

- **Material**: Wet-formed mineral fiber
- **Surface Finish**: Factory-applied latex paint
- **Fire Performance**:
  - ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).
  - ASTM E1264 Classification Type III, Form 2, Pattern J Z Fire Class A
- **Humidity/Sag Resistance**: Standard performance ceiling panels are recommended where the building is enclosed and the HVAC is continuously functioning.

**Insulation Value**

- **R Factor - 1.6** (BTU units)
- **R Factor - 0.28** (Watts units)

**1-Year Limited Warranty**
Details at armstrongceilings.com

**Minimum Order Quantity**
1 carton

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UL is a registered trademark of UL LLC. All other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates
© 2018 AWI Licensing LLC Printed in the United States of America
**Lyra® Square Lay-in panels with Suprafine® XL® 9/16" suspension system (Pgs. 466-467)**

These smoothest fiberglass ceiling available with both Total Acoustics® and Sustain® performance.

**KEY SELECTION ATTRIBUTES**

- **DESIGNFlex™ options include shapes, made-to-order sizes, and colors available to ship in 3 weeks**
- **Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance™**
- **Lyra® PB High CAC panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today**
- **High acoustics (NRC 0.95, AC 200, CAC up to 44)**
- **Washable, Impact-resistant, Scratch-resistant, Soil-resistant**
- **All items are manufactured with a plant-based binder**
- **Smooth drywall-like ceiling visual**
- **Sag-resistant panels**
- **Compatible with the TechZone® Ceiling Systems**
- **Product can be recycled through the Armstrong Ceilings Recycling Program**
- **30-Year Limited System Warranty against visible sag, mold, and mildew**

**COLORS AVAILABLE** Due to printing limitations, shade may vary from actual product.

- White (WH)
- Black
- Available in any color!

**DETAILS**

Lyra® PB Square Lay-in
**LYRA® High CAC**
**LYRA®**

**with Plant-based Binder**
**Square Lay-in**

**smooth texture**

**VISUAL SELECTION**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>LYRA® with Plant-based Binder High CAC Square Lay-in</td>
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<td>8732PB</td>
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<tr>
<td></td>
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<td>8752PB</td>
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**Size Capabilities**

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</thead>
<tbody>
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<tr>
<td>4&quot; – 11-1/2&quot;</td>
<td>12&quot; – 60&quot;</td>
</tr>
<tr>
<td>12&quot; – 24-1/2&quot;</td>
<td>4&quot; – 60&quot;</td>
</tr>
<tr>
<td>25&quot; – 30-1/2&quot;</td>
<td>4&quot; – 30&quot;</td>
</tr>
<tr>
<td>31&quot; – 48&quot;</td>
<td>4&quot; – 24&quot;</td>
</tr>
</tbody>
</table>

**ACCESSORIES** *(must be ordered separately)*

435 Stabilizer Clip (3/4" & 1") – for panels 60" and longer
7870 Spring Border Clip (For installations with the panel resting on the wall molding)

**SUSPENSION SYSTEMS**

15/16" [Prelude®](#)

---

**PHYSICAL DATA**

**Material**
Fiberglass with acoustically transparent membrane

**Surface Finish**
Acoustically transparent membrane with factory-applied latex paint

**Fire Performance**
ASTM E84 and CAN/ULC S102 surface burning characteristics, Flame Spread Index 25 or less.
Smoke Developed Index 50 or less (UL labeled – excludes item 8732 and 8752).

**ASTM E1264 Classification**
Type XII, Form 2, Pattern E; Fire Class A

**Humidity/Sag Resistance**
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

**Mold/Mildew Protection**
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

**VOC Emissions**
GREENGUARD Gold Certified

**High Recycled Content**
Classified as containing greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

**Acoustical Details**
A CAC value of 37 can be achieved by backloading fiberglass products with item 769 or 770. Excludes Lyra PB High CAC.

**Insulation Value**
Lyra: R Factor – 4.4 (BTU units); R Factor – 0.76 (Watts units)

---

**Design Consideration**
Combining materials with different run dates may result in shade variations. Order attic stock for any anticipated future needs.

**30-Year Performance Guarantee & Warranty**
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

**Weight**
Square Feet/Unit: 8732, 8732 – 1.77 lbs/SF; 24 SF/ctn

**Minimum Order Quantity**
1 carton

---

**TechLine** 877 276-7876
armandstrongceilings.com/commercial
LYRA® High CAC
LYRA® with Plant-based Binder
Square Lay-in smooth texture

VISUAL SELECTION

LYRA® High CAC with Plant-based Binder Square Lay-in

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>1</td>
<td>8372PB</td>
<td>24 x 24 x 1&quot;</td>
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<tr>
<td>15/16&quot; Square Lay-in</td>
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<td>8372PBBK</td>
<td>24 x 24 x 1&quot;</td>
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<tr>
<td>15/16&quot; Square Lay-in</td>
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<td>8373PB</td>
<td>24 x 48 x 1&quot;</td>
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<tr>
<td>15/16&quot; Square Lay-in</td>
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<td>8450PB</td>
<td>24 x 72 x 1&quot;</td>
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<tr>
<td>15/16&quot; Square Lay-in</td>
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<td>8452PB</td>
<td>30 x 30 x 1&quot;</td>
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<tr>
<td>15/16&quot; Square Lay-in</td>
<td>1</td>
<td>8453PB</td>
<td>30 x 60 x 1&quot;</td>
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<td>8370PD</td>
<td>48 x 48 x 1&quot;</td>
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<td>4 x 48 x 1&quot;</td>
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<td>8335PB</td>
<td>4 x 60 x 1&quot;</td>
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<td>1, 23</td>
<td>8337PB</td>
<td>6 x 60 x 1&quot;</td>
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</table>

Size Capabilities

15/16" Square Lay-in

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Made-to-Order</td>
<td>Sizes &amp; Colors (3 Wks)</td>
</tr>
<tr>
<td>1&quot; Thick</td>
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</tr>
<tr>
<td>4&quot; – 11-1/2&quot;</td>
<td>9&quot; – 72&quot;</td>
</tr>
<tr>
<td>12&quot; – 23-1/2&quot;</td>
<td>4&quot; – 96&quot;</td>
</tr>
<tr>
<td>24&quot; – 48&quot;</td>
<td>4&quot; – 60&quot;</td>
</tr>
</tbody>
</table>

PHYSICAL DATA

Material
Fiberglass with acoustically transparent membrane

Surface Finish
Acoustically transparent membrane with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled – includes exit 9732 and 9752).

ASTM E1264 Classification
Type XII, Form 2, Pattern E; Fire Class A

Humidity/Sag Resistance
HumidorGuard Plus ceiling panels are recommended for areas subject to high humidity, up to but not including, standing water and outdoor applications.

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

VOC Emissions
GREENGUARD Gold Certified

Acoustical Details
A CAC value of 37 can be achieved by backlighting fiberglass products with item 769 or 770. Excludes Lyra PB High CAC.

Insulation Value
Lyra: R Factor – 4.4 (BTU units); R Factor – 0.76 (Watts units)

Accessories

ACCESSORIES (must be ordered separately)

<table>
<thead>
<tr>
<th>Item</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>435</td>
<td>Stabilizer Clip (3/4&quot; &amp; 1&quot;) – for panels 60&quot; and longer</td>
</tr>
<tr>
<td>7870</td>
<td>Spring Border Clip (For installations with the panel resting on the wall molding)</td>
</tr>
</tbody>
</table>

Suspension Systems

SUSPENSION SYSTEMS

15/16" Stabilizer Clip (3/4" & 1") – for panels 60" and longer

Design Consideration
Combining materials with different run dates may result in shade variations. Order attic stock for any anticipated future needs.

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

Minimum Order Quantity
1 carton

Technical Data

<table>
<thead>
<tr>
<th>Material</th>
<th>Physical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

331A
TechLine 877 276-7876
armstrongceilings.com/commercial
These smoothest fiberglass ceiling available with both Total Acoustics® and Sustain® performance.

KEY SELECTION ATTRIBUTES
- DESIGNFlex™ options include shapes, made-to-order sizes, and colors available to ship in 3 weeks
- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance™
- Lyra® PB High CAC panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- High acoustics (NRC 0.95, AC 200, CAC up to 45)
- Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- All items are manufactured with a plant-based binder
- Smooth drywall-like ceiling visual
- Sag-resistant panels
- Compatible with the TechZone® Ceiling Systems
- Product can be recycled through the Armstrong Ceilings Recycling Program
- 30-Year Limited System Warranty against visible sag, mold, and mildew

COLORS AVAILABLE
Due to printing limitations, shade may vary from actual product.

- White (WH)
- Black

Details
Lyra® PB Square Tegular

See Lyra® Shapes Page 138-141
Personalize Your Design!
Mix and match different sizes, shapes, colors and materials to reinvent your ceiling. More at:
armstrongceilings.com/designflex

plus capabilities to do more

See more photos at:
armstrongceilings.com/photogallery

Lyra® Square Tegular panels with Suprafine® XL® 9/16” suspension system (Pgs. 466-467)
**LYRA® High CAC**

**LYRA®**

with Plant-based Binder

**Tegular**

smooth texture

### VISUAL SELECTION

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<td><strong>LYRA® with Plant-based Binder High CAC Square Tegular</strong></td>
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<th>Size Capabilities</th>
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### PERFORMANCE SELECTION

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<th>Total Acoustics</th>
<th>NRC + CAC</th>
<th>Fire Performance</th>
<th>Certification</th>
<th>Impurity &amp; Stabilizer</th>
<th>VOC Emissions</th>
<th>Recycled Content</th>
<th>GreenGUARD Gold Certified</th>
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<td>42*</td>
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<tr>
<td>0.95*</td>
<td>42*</td>
<td>BEST 200 Class</td>
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<tr>
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<td>BEST 200 Class</td>
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<tr>
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<tr>
<td>0.95*</td>
<td>44*</td>
<td>BEST 200 Class</td>
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</tr>
</tbody>
</table>

### MORE ITEMS

1. Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
2. GOOD (NRC 0.60-0.65; CAC 35+) BETTER (NRC 0.80+; CAC 35+) BEST (NRC 0.80+; CAC 35+)
3. These items are not UL classified.

### ACCESSORIES

**Stabilizer Clip (3/4" & 1")**
Recommended for panels 60" and greater in length

**Spring Border Clip**
(For installations with the panel resting on the wall molding)

### SUSPENSION SYSTEMS

**Prelude**

**Silhouette® 1/4" Reveal**

**Silhouette® 1/8" Reveal**

**Suprafine®**

**Interlude® XL® HRC**

**Sonata® XL®**

### PHYSICAL DATA

**Material**
Lyra® PB: Fiberglass with acoustically transparent membrane

**Surface Finish**
Acoustically transparent membrane with factory-applied latex paint

**Fire Performance**
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled – excludes items 9730, 8731, 8751, 8748, 8749, and 8750).

**ASTM E1264 Classification**
Type XII, Form 2, Pattern E

**Fire Class A**

**Humidity/Sag Resistance**
HumGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

**Mold/Mildew Protection**
Ceiling panels with BioBlock® resist the growth of mold and mildew.

**VOC Emissions**
Lyra: R Factor – 4.4 (BTU units);
Lyra PB High CAC: R Factor – 3.76 (Watts units)

**Design Consideration**
Combining materials with different run dates may result in shade variations. Order attic stock for any anticipated future needs.

**30-Year Performance Guarantee & Warranty**
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

**Weight:**
Square Feet/ Carton
8730, 8731, 8751, 8748, 8749, 8750 – 1.77 lb/SF; 24 SF/ctn

**Minimum Order Quantity**
1 carton

TechLine 877-276-7876
armstrongceilings.com/commercial
**LYRA® High CAC with Plant-based Binder**

**Shapes!**

**LYRA® High CAC with Plant-based Binder**

**FIBERGLASS**

**LYRA®**

**Profile**

**Edge**

**Profile**

**Susp. Dwg.**

**Items**

**No.**

**Dimensions (Inches)**

**15/16" Square Tegular**

8

8360PB 24 x 24 x 1"  

8 8360PBBK 24 x 24 x 1"  

8 8352PB 24 x 48 x 1"  

8 8355PB 48 x 48 x 1"  

**9/16" Square Tegular**

26, 43, 47, 51, 55

26, 43, 47, 51, 55

26, 43, 47, 51, 55

26, 43, 47, 51, 55

26, 43, 47, 51, 55

26, 43, 47, 51, 55

26, 43, 47, 51, 55

26, 43, 47, 51, 55

26, 43, 47, 51, 55

26, 43, 47, 51, 55

**PERFORMANCE SELECTION**

<table>
<thead>
<tr>
<th>Item</th>
<th>UL Classified</th>
<th>Acoustics</th>
<th>Articulation Class</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Mold &amp; Mildew Resistant</th>
<th>Slag</th>
<th>Certified Low VOC Emissions</th>
<th>Wash</th>
<th>Impact</th>
<th>Scratch</th>
<th>Sound</th>
<th>Recycled Content</th>
<th>Recycle Program</th>
<th>30-Yr Warranty</th>
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<tr>
<td>8360PB</td>
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<td>0.88</td>
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<tr>
<td>8352PB</td>
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<tr>
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<tr>
<td>8345PB</td>
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<tr>
<td>8347PB</td>
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<td>0.88</td>
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</tr>
<tr>
<td>8355PB</td>
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<td>190</td>
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<td></td>
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<td></td>
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</tr>
</tbody>
</table>

1. Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

2. Good (NRC 0.60-0.65; CAC 35+) Better (NRC 0.70-0.75; CAC 35+) Best (NRC 0.80; CAC 35+)

3. These items are not UL classified.

4. **SUSTAIN** High Performance Sustainable Ceiling Systems

5. **Declare** Living Building Challenge Compliant

6. **GREENGUARD Gold Certified** (details below)

7. **PERFORMANCE SELECTION** Dots represent high level of performance.
**LYRA® High CAC**  
**with Plant-based Binder**  
**Square**  
**Tegular**  
**smooth texture**

### VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg. No.</th>
<th>Item</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LYRA® with Plant-based Binder Square Tegular</td>
<td>8385PB</td>
<td>9/16&quot;</td>
<td>30 x 60 x 1&quot;</td>
</tr>
<tr>
<td></td>
<td>8376PB</td>
<td>15/16&quot;</td>
<td>36 x 36 x 1&quot;</td>
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<tr>
<td></td>
<td>8462PB</td>
<td>9/16&quot;</td>
<td>42 x 48 x 1&quot;</td>
</tr>
<tr>
<td></td>
<td>8463PB</td>
<td>15/16&quot;</td>
<td>44 x 48 x 1&quot;</td>
</tr>
<tr>
<td></td>
<td>8356PB</td>
<td>9/16&quot;</td>
<td>48 x 48 x 1&quot;</td>
</tr>
<tr>
<td></td>
<td>8466PB</td>
<td>N/A</td>
<td>56 x 30 x 1&quot;</td>
</tr>
</tbody>
</table>

### PHYSICAL DATA

- **Material**: LYRA® PB: Fiberglass with acoustically transparent membrane  
- **Surface Finish**: Acoustically transparent membrane with factory-applied latex paint  
- **Fire Performance**:  
  - ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled Excludes items 8379, 8462, and 8463).  
- **ASTM E1264 Classification**: Type XII, Form 2, Pattern E.  
- **Humidity/Sag Resistance**:  
  - HumaGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

### Mold/Mildew Protection

Ceiling panels with BioBlock® resist the growth of mold and mildew.

### PHYSICAL DATA

**Mold/Mildew Protection**  
Ceiling panels with BioBlock® resist the growth of mold and mildew.

### ACoustics

- **Insulation Value**:  
  - Lyra: R Factor – 4.4 (BTU units); R Factor – 0.76 (Watts units)

### Susp. Systems

- **9/16"**

### ACCESSORIES

#### Stabilizer Clip (3/4" & 1")

Recommended for panels 60" and greater in length

**NOTE**: Panels 60" up to 96" – one clip near mid-point of each long edge.

Panels 96" and over – two clips at 1/3 points of each long edge.

### SUSPENSION SYSTEMS

<table>
<thead>
<tr>
<th>1/4&quot; Reveal</th>
<th>1/8&quot; Reveal</th>
<th>Suprafine®</th>
<th>Interlude® XL® HRC</th>
<th>Silhouette®</th>
<th>Silhouette®</th>
<th>Spring Border Clip</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Laminated</td>
<td>Laminated</td>
<td>Laminated</td>
<td>Laminated</td>
<td>(for installations with the panel resting on the wall molding)</td>
</tr>
</tbody>
</table>

### Design Consideration

Combining materials with different run dates may result in shade variations. Order attic stock for any anticipated future needs.

### 30-Year Performance Guarantee & Warranty

When installed with Armstrong® Suspension System. Details at armstrongceilings.com

### Weight, Square Feet/Carton

- 8385 – 0.46 lbs/SF; 96 SF/cnt
- 8377, 8379 – 0.50 lbs/SF; 48 SF/cnt
- 8381, 8361, 8357 – 0.46 lbs/SF; 48 SF/cnt
- 8385 – 0.50 lbs/SF; 100 SF/cnt
- 8381 – 0.50 lbs/SF; 72 SF/cnt
- 8382 – 0.50 lbs/SF; 96 SF/cnt
- 8359, 8376 – 0.46 lbs/SF; 75 SF/cnt
- 8385 – 0.46 lbs/SF; 100 SF/cnt
- 8461, 8466 – 0.44 lbs/SF; 70 SF/cnt
- 8462 – 0.44 lbs/SF; 112 SF/cnt
- 8463 – 0.44 lbs/SF; 117 SF/cnt

Minimum Order Quantity: 1 carton.
Smooth-textured acoustical panel is ideal for projects with limited plenum space: requires about 6” of clear space from the deck.

KEY SELECTION ATTRIBUTES

- DESIGNFlex™ options include made-to-order sizes and colors available to ship in 3 weeks
- 1/4” reveal between acoustical panels results in a monolithic appearance
- Vector Trim Kit in Blizzard White finish for easy installation and bright visual
- Downward accessible for minimal plenum height
- Outstanding acoustical performance for open plan areas, both Articulation Class (190) and NRC (0.90)
- Smooth, clean durable finish – Washable
  Scratch-resistant
  Soil-resistant
- Energy-saving high light-reflective finish
- Product can be recycled through the Armstrong Ceilings Recycling Program
- 30-Year Limited System Warranty against visible sag, mold, and mildew

COLOR

White
(WH)
Available in any color!

DETAILS

1. Lyra® Vector® with Prelude® XL® 15/16” suspension system
**LYRA® Vector®**  
smooth texture

### VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LYRA® Vector®</td>
<td>1/4&quot; Reveal with 15/16&quot; Vector</td>
<td>73</td>
<td>24 x 24 x 7/8&quot;</td>
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<td></td>
<td>73</td>
<td>24 x 48 x 7/8&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>73</td>
<td>24 x 72 x 7/8&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>73</td>
<td>24 x 96 x 7/8&quot;</td>
<td></td>
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<td>73</td>
<td>30 x 30 x 7/8&quot;</td>
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</tr>
<tr>
<td></td>
<td>73</td>
<td>48 x 48 x 7/8&quot;</td>
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</tbody>
</table>

**Size Capabilities**

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<tr>
<th>Width</th>
<th>Length</th>
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</thead>
<tbody>
<tr>
<td>7/8&quot; Thick</td>
<td>12&quot; x 120&quot;</td>
</tr>
<tr>
<td>4&quot; x 11-1/2&quot;</td>
<td>12&quot; x 120&quot;</td>
</tr>
<tr>
<td>12&quot; x 30&quot;</td>
<td>4&quot; x 120&quot;</td>
</tr>
<tr>
<td>30-1/2&quot; x 48&quot;</td>
<td>4&quot; x 48&quot;</td>
</tr>
</tbody>
</table>

**ACCESSORIES**  
(but must be ordered separately)

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>441</td>
<td>Vector Border Clip (required for installations with the suspension system resting on the wall molding. Primarily used for corners and special cutouts.)</td>
</tr>
<tr>
<td>442A</td>
<td>Vector Hold-Down Clip (required for installation)</td>
</tr>
<tr>
<td>7425</td>
<td>Mid-point Clip 48&quot; x 48&quot; Vector panels only</td>
</tr>
<tr>
<td>7870</td>
<td>Spring Border Clip (For installations with the panel resting on the wall molding)</td>
</tr>
</tbody>
</table>

### PHYSICAL DATA

**Material**  
Fiberglass with acoustically transparent membrane

**Surface Finish**  
Acoustically transparent membrane with factory-applied latex paint

**Fire Performance**  
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

**Type XII, Form 2, Pattern E**

**Humidity/Sag Resistance**  
HumidityGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

**Mold/Mildew Protection**  
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

**VOC Emissions**  
GREENGUARD Gold Certified


**High Recycled Content**  
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

**Design Considerations**

Use fixture trim kit around all lights, diffusers, and other ceiling penetrations to avoid exposed suspension system and panel edges.

**LEED®**

UL is a registered trademark of UL LLC. All other trademarks used herein are the property of Armstrong World Industries and/or its affiliates. © 2019 Armstrong World Industries. Printed in the United States of America.
Smooth drywall-like visual with a fully concealed suspension system, creates a monolithic look with accessibility.

**KEY SELECTION ATTRIBUTES**

- DesignFlex™ options include made-to-order sizes and colors available to ship in 3 weeks
- Large format acoustical panels
- Downward accessible for minimal plenum height
- Outstanding acoustical performance for open plan areas; both Noise Reduction and Articulation Class (NRC 0.90, AC up to 190)
- Smooth, clean, durable finish – Washable, Scratch-resistant, Soil-resistant
- Energy-saving, high light-reflective finish
- 30-Year Limited System Warranty against visible sag, mold, and mildew

**COLOR**

- White (WH)
- Available in any color!

**DETAILS**

1. Lyra® Concealed
2. Lyra® Concealed with Prelude® XL® HD 15/16” suspension system
**LYRA® Concealed**

Concealed Suspension smooth texture

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Length</th>
<th>Pcs</th>
<th>Color</th>
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<tbody>
<tr>
<td>FTP96ZW</td>
<td>106</td>
<td>7425</td>
<td>24</td>
<td>Blizzard White</td>
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<tr>
<td>FTP96ZW</td>
<td>106</td>
<td>7424</td>
<td>24</td>
<td>Blizzard White</td>
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<td>106</td>
<td>7423</td>
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<td>FTP96ZW</td>
<td>106</td>
<td>7422</td>
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**Performance Selection**

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<td>8431</td>
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<td>8432</td>
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<td>8433</td>
<td>0.55</td>
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**Suspension Systems**

15/16" 

**Fixtures Trims**

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<th>Length</th>
<th>Pcs</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTP4ZW</td>
<td>4&quot; Conceealed Fixture Kit</td>
<td>24</td>
<td>Blizzard White</td>
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<tr>
<td>FTP6ZW</td>
<td>6&quot; Concelealed Fixture Kit</td>
<td>24</td>
<td>Blizzard White</td>
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<tr>
<td>FTP48ZW</td>
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<tr>
<td>FTP96ZW</td>
<td>96&quot; Concelealed Fixture Kit</td>
<td>24</td>
<td>Blizzard White</td>
</tr>
</tbody>
</table>

**AXIOM® TRIM DETAIL**

Lyra® Concealed panels with Axiom® Vector trim for cloud friendly design. Blizzard White color and texture coordinated finish available to complement Lyra ceiling panels.

**Accessories** (must be ordered separately)

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>441</td>
<td>Border Clip. Used for corners and special cutouts.</td>
</tr>
<tr>
<td>442A</td>
<td>Hold-Down Clip</td>
</tr>
<tr>
<td>7425</td>
<td>Stabilizer Bars</td>
</tr>
<tr>
<td>7431</td>
<td>(30&quot;)</td>
</tr>
<tr>
<td>7445</td>
<td>(48&quot;)</td>
</tr>
<tr>
<td>7461</td>
<td>(60&quot;)</td>
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<tr>
<td>522</td>
<td>Mid-point Clip (Needed for panels over 30&quot; wide)</td>
</tr>
<tr>
<td>7870</td>
<td>Spring Border Clip (For installations with the panel resting on the wall molding)</td>
</tr>
</tbody>
</table>

**Physical Data**

- **Material:** Fiberglass with acoustically transparent membrane.
- **Surface Finish:** Acoustically transparent membrane with factory-applied latex paint.
- **Fire Performance:** ASTM E84 and CAN/ULC S102 face burning characteristics.
- **Humidity/Sag Resistance:** Column Guard Plus coating is recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- **Anti-Mold/Mildew:** Ceiling panels with BioBlock® performance resist the growth of mold and mildew.
- **Acoustical Details:** Backing may be available as a special order.

**VOC Emissions**

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MESA™/MESA™ Second Look®
Square Lay-in & Tegular
fine texture

Fine-textured visual with good sound absorption and excellent sound-blocking options. Second Look® items offer a scored visual.

KEY SELECTION ATTRIBUTES

• Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance®
• Mesa™ panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
• Fine-textured visual
• Excellent sound-blocking option
• USDA Certified Biobased Product – 100%
• Non-directional visual reduces installation time and scrap (excludes Second Look items)
• Smaller size panels available (1 carton min order).
• Product can be recycled through the Armstrong Ceilings Recycling Program
• 30-Year Limited System Warranty against visible sag, mold, and mildew

COLOR

White (WH)

FACE VIEW

Mesa™ Second Look® II panel – Scoring created nominal 24" x 24" squares

DETAILS (Other Suspension Systems compatible. Refer to listing on page 341.)

1. Mesa™
2. Mesa™ with Suprafine® 9/16" suspension system
MESA™/MESA™ Second Look®
Square Lay-in & Tegular
fine texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg.</th>
<th>No.</th>
<th>Item</th>
<th>Dimensions (Inches)</th>
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<tbody>
<tr>
<td>MESA™</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>680</td>
<td>24 x 24 x 3/4&quot;</td>
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<tr>
<td>15/16&quot; Angled Tegular</td>
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<td>681</td>
<td>24 x 24 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>29, 44, 48, 52, 56</td>
<td>682</td>
<td>24 x 24 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>MESA™ Second Look® II</td>
<td>11</td>
<td>688</td>
<td>24 x 48 x 3/4&quot;</td>
<td></td>
</tr>
</tbody>
</table>

PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>NRC (+)</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Mold &amp; Mildew Protection</th>
<th>Salt &amp; Scratch</th>
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SUSPENSION SYSTEMS

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<td>Silhouette® 1/4&quot; Reveal</td>
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<td>Suprafine®</td>
<td>Interlude®</td>
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<td>Sonata®</td>
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PHYSICAL DATA

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<th>Material</th>
<th>Wet-formed mineral fiber</th>
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<td>Surface Finish</td>
<td>Factory-applied latex paint</td>
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<tr>
<td>Fire Performance</td>
<td>ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).</td>
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<tr>
<td>ASTM E1264 Classification</td>
<td>Type III, Form 2, Pattern C E Fire Class A</td>
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</table>

VOC Emissions

GREENGUARD Gold Certified

Primary (Embodied) Energy
See all LCA information on our EPDs.

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

Insulation Value
R Factor – 1.5 (BTU units)
R Factor – 0.29 (Watts units)

Design Consideration
Do not mix MESA™ Second Look® panels with Standard MESA panels in the same room.

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

Weight, Square Feet/Carton
680, 681, 682 – 1.02 lbs/SF; 48 SF/ctn
683, 684, 685 – 1.02 lbs/SF; 64 SF/ctn
686, 687 – 1.40 lbs/SF; 48 SF/ctn
688 – 1.02 lbs/SF; 64 SF/ctn

Metric Items Available
680M, 683M, 682M, 681M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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TechLine / 1 877 276-7176
armstrongceilings.com/commercial
BPCS-3642-1118
**METAPHORS®**
Crown, Cove, Convex, Bead & Linear coffers and infill panels

Metaphors® coffers are available in over 700 standard colors, designs, and acoustical combinations.

**KEY SELECTION ATTRIBUTES**
- Five different coffer designs in four standard colors
- Infill panels available in Infusions®, MetalWorks™, MetalWorks Tin, WoodWorks®, and Ultima® visuals
- Enhance acoustics with MetalWorks perforated or Ultima infill panels (NRC 0.70-0.90)
- Made-to-order Calla® and Lyra® infill panels available in any color
- Custom options:
  - Coffers available in coordinating custom colors
  - Suspension systems available in coordinating custom colors

**METAPHORS COFFERS STYLES**
1. Metaphors® Crown
2. Metaphors® Cove
3. Metaphors® Convex
4. Metaphors® Bead
5. Metaphors® Linear

Coffers with Ultima 18" x 18" infill panel, Suprafine® XL® 9/16" suspension system (Pgs. 466-467.)

**COLORS – COFFERS**
Due to printing limitations, shade may vary from actual product.

**METAPHORS INFILL PANEL SELECTION**
Due to printing limitations, shade may vary from actual product.

**Infusions®**
- Clear Arbor (TCA)
- Blue Arbor (TBA)
- Refined Kiwi (TRK)
- Refined Lagoon (TRL)
- Refined Plum (TRP)
- Refined Target (TRT)
- Spun Copper (TSC)

**MetalWorks™**
- White (WH)
- Silver Grey (SG)
- Gun Metal Grey (MY)
- Black (BL)

**MetalWorks™ Tin**
- Item 6613 in White (TWH)
- Item 6613 in Bare Steel (TNA)
- Item 6614 in Lacquered Steel (TLS)

**WoodWorks®**
- Bamboo Patina (BAP)
- Bamboo Native (BAN)
- Natural Variations™ Maple (NMP)
- Natural Variations Light Cherry (NLC)
- Natural Variations Dark Cherry (NDC)
- Natural Variations Walnut (NWA)
- Natural Variations Light Oak (NLO)
- Natural Variations Dark Walnut Espresso (NWE)

**Ultima®**
- White (WH)

* Available for all MetalWorks finishes
** Available for all Tin items and finishes

NOTE: For details about premium and custom infill panel patterns, perforations, and finishes, contact TechLine at 1 877 276-7876.
**METAPHORS®**
Crown, Cove, Convex, Bead & Linear coffers and infill panels

### VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg.</th>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions (Inches)</th>
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<td>METAPHORS® Coffers</td>
<td>9/16&quot; or 15/16&quot;</td>
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<td>24 x 24 x 3&quot;</td>
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<td>9/16&quot; or 15/16&quot;</td>
<td>79, 84</td>
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<td>9/16&quot; or 15/16&quot;</td>
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<td>9/16&quot; or 15/16&quot;</td>
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<td>5728...</td>
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<td>9/16&quot; or 15/16&quot;</td>
<td>81, 86</td>
<td>5729...</td>
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<td>METAPHORS Infill Panels</td>
<td>Square Lay-in</td>
<td>6541...</td>
<td>Infusions® Infill Panel</td>
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<td>6614...</td>
<td>MetalWorks Tin Infill Panel Extra Microperforated (B3)</td>
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<td>Square Tegular</td>
<td>6448M1...</td>
<td>MetalWorks Infill Panel Unperforated (M1)</td>
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<td>6447M1...</td>
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<td>Beveled Tegular</td>
<td>1918...</td>
<td>Ultima® Infill Panel</td>
<td>18 x 18 x 0.75&quot;</td>
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</tbody>
</table>

### PHYSICAL DATA

**Materials**
5725, 5726, 5727, 5728, 5729 – Glass reinforced gypsum core; 6541 – Polycarbonate; 6448 – Electrophosphized steel; 6613, 6614, 6615, 6616 – Steel; 6447 – Fire retardant particle board with face-cut veneers, California Air Resources Board (CARB) Compliant; 1918 – Wet-formed mineral fiber

**Surface Finish**
6641 – Smooth; 6448 – Factory-applied powder-coated finish (post-coated); 6614, 6615, 6616 – White, factory-applied powder-coated finish; Bare Steel, unfinished; Lacquered Steel, factory-applied lacquered finish; 6447 – Clear or tinted semi-glass coating; 1918 – DuraBrite® with factory-applied latex paint

**Fire Performance**
All items except 6541 – ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

6541 – Infusions panels have been tested according to the NFPA 286 and are equivalent to Class A Interior Finish as defined by the International Building Code. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.

**ASTM E1264 Classification**
6448 – Fire Class A; Unperforated - Type XX, Pattern G; Perforated – Type X, Pattern C; 6613, 6614, 6615, 6616, 6618 – Fire Class A – Unperforated – Type XX, Pattern J Z; 6447 – Composite – Fire Class A; 1918 – Type N, Form 2; Pattern E, Fire Class A

**Insulation Value**
1918 – R Factor 2.2 (BTU units)
R Factor 0.39 (Watts units)

**Application Considerations**
Clear plenum height must be at least 9 inches to accommodate 24" x 24" Metaphors Coffers. Bead profile requires only 5 inches. Coffers are intended for full panel installation only. Do not cut.

**Seismic Restraint**
Engineered, tested, and approved for application in all seismic areas.

**Warranty**
One (1) year limited warranty. Details at armstrongceilings.com

**Weight/Square Feet/Carton**
6541 – 4.8 lbs/SF; 6448 – 2.5 lbs/SF; 6613, 6614, 6615, 6616, 6618 – 3.5 lbs/SF; 6447 – 2.75 lbs/SF; 1918 – 1.58 lbs/SF

**Minimum Order Quantity**
4 cartons

**Calculate LEED contribution at armstrongceilings.com/greengenie**

**TechLine** / 1 877 276-7876
armstrongceilings.com/commercial (search: metaphors)
BPCS-3617-718

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Smooth-textured Optima® panels provide excellent acoustical absorption and more standard-size options than any other texture in the line.

**KEY SELECTION ATTRIBUTES**

- DESIGNFlex™ options include shapes and made-to-order sizes available to ship in 3 weeks
- Optima® PB panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- Smooth, clean, durable finish — Washable, impact-resistant, scratch-resistant, soil-resistant

- Items with PB suffix are manufactured with a plant-based binder
- Outstanding acoustical performance for open plan areas, both Articulation Class (180-200) and NRC (0.90-1.00)
- Energy-saving high light-reflective finish
- Non-directional visual reduces scrap and installation time
- Sag-resistant large-size panels

- Compatible with TechZone® Ceiling Systems
- Item 3352 available with Create!™ printed images and patterns
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- 10-Year replacement panel available for items 3152, 3153

**COLOR**

- White (WH)

**DETAILS**

1. Optima® Square Lay-in
2. Optima® Square Lay-in with Prelude® 15/16" suspension system
### OPTIMA® Square Lay-in

#### Edge Profile

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<td>3150</td>
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**SUSPENSION SYSTEMS**

15/16" Prelude

#### PERFORMANCE SELECTION

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<th>Light Reflect</th>
<th>Mold &amp; Mildew Protection</th>
<th>Sag Resistance</th>
<th>HumiGuard+</th>
<th>Certified Low-VOC Emission Wash</th>
<th>Durable Content</th>
<th>Scratches</th>
<th>Soil</th>
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**MORE ITEMS**

### PHYSICAL DATA

**Material**

3150, 3156, 3159, 1462, 1463, 1400, 1404, 3152 – Fiberglass with Durabrite® acoustically transparent membrane 3352 – Fiberglass with Durabrite® acoustically transparent membrane; CAC backing

**Fire Performance**

ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

**ASTM E1264 Classification**

Type XI, Form 2, Pattern E Fire Class A

**Humidity/Sag Resistance**

HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

**Mold/Mildew Protection**

Ceiling panels with BioBlock® resist the growth of mold and mildew.

**VOC Emissions**

(PB suffix items only)

This product has been UL validated to be Formaldehyde-Free. UL COM/ECV

This product has been verified to be Formaldehyde-Free.

**Acoustical Details**

Some items have CAC backing. CAC backing may be available as a special order. A CAC value of 37 can be achieved by backloading fiberglass products with item 769 or 770.

**Insulation Value**

1400, 1404, 1462, 1463, 3152, 3156, 3352 – R Factor – 4.0 (BTU units)

R Factor – 0.70 (Watts units)

R Factor – 0.53 (Watts units)

R Factor – 0.9 (BTU units)

R Factor – 0.9 (BTU units)

R Factor – 1.05 (Watts units)

**Application Consideration**

Do not mix Optima panels and Optima Health Zone™ panels in the same room.

**30-Year Performance Guarantee & Warranty**

When installed with Armstrong® Suspension System. Details at armstrongceilings.com

**Weight**

Square Feet/Carton

1400 – 0.13 lbs/SF; 24 SF/carton

1404 – 0.16 lbs/SF; 30 SF/carton

1462 – 0.44 lbs/SF; 16 SF/carton

1463 – 0.44 lbs/SF; 20 SF/carton

3150, 3150PB – 0.44 lbs/SF; 128 SF/carton

3152, 3152PB – 0.45 lbs/SF; 96 SF/carton

3159 – 0.44 lbs/SF; 16 SF/carton

3156 – 0.47 lbs/SF; 100 SF/carton

3156 – 0.46 lbs/SF; 96 SF/carton

**Minimum Order Quantity**

1 carton

**Metric Items Available**

3150M, 3152M, 3156M, 3159M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

TechLine 877 276-7876 armstrongceilings.com/commercial

---

Armstrong Ceiling & Wall Solutions
OPTIMA® PB options now in shapes!

with Plant-based Binder
Square Lay-in
fine texture

VISUAL SELECTION

<table>
<thead>
<tr>
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OPTIMA® Square Lay-in

PERFORMANCE SELECTION

Dots represent high level of performance.

<table>
<thead>
<tr>
<th>UL Class</th>
<th>Total Acoustics</th>
<th>Articulation Class</th>
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<th>Light Reflect</th>
<th>Sound Absorb</th>
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</table>

1 Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. Optima items with the PB suffix are included in the Sustain® portfolio and carry Declare™ certification.
**OPTIMA® PB options now in shapes!**

**with Plant-based Binder**

**Square Lay-in fine texture**

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Dimensions (Inches)</th>
<th>OPTIMA® Size Capabilities</th>
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<tr>
<td>15/16”</td>
<td><strong>Made-to-Order Sizes</strong> (3 Wks)</td>
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<td>1CTN MIN</td>
<td>Non-PB 3/4” Thick</td>
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<td>4” – 5-1/2”</td>
<td>9” – 60”</td>
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<tr>
<td>12” – 30-1/2”</td>
<td>4” – 96”</td>
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<td>31” – 48”</td>
<td>4” – 30”</td>
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<tr>
<td>Non-PB 1” Thick</td>
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<td>4” – 5-1/2”</td>
<td>9” – 72”</td>
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<tr>
<td>12” – 48”</td>
<td>4” – 120”</td>
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<tr>
<td>Non-PB 1-1/2” Thick</td>
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<td>9” – 77”</td>
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<td>43” – 48”</td>
<td>4” – 120”</td>
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<td>PB 1” Thick</td>
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<td>9” – 72”</td>
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<td>12” – 72”</td>
<td>6” – 72”</td>
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<td>12” – 42-1/2”</td>
<td>4” – 96”</td>
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<td>25” – 30-1/2”</td>
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**PERFORMANCE SELECTION**

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<th>Total Acoustics</th>
<th>Articulation</th>
<th>Fire Performance</th>
<th>Reflect</th>
<th>Mold &amp; Mildew</th>
<th>Sag Resistance</th>
<th>Certified Low VOC Emissions</th>
<th>Wash</th>
<th>Impact</th>
<th>Scratch</th>
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<th>Recycle Program</th>
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**SUSPENSION SYSTEMS**

**15/16”**

<table>
<thead>
<tr>
<th>Prelude®</th>
<th>Blizzard White – Suspension System Finish</th>
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<tbody>
<tr>
<td></td>
<td>A color and texture coordinated suspension system to complement Optima® ceiling panels for a monolithic look and feel.</td>
</tr>
</tbody>
</table>

**PHYSICAL DATA**

**Material**
3153, 3155, 3158 – Fiberglass with DuraBrite® acoustically transparent membrane 3353, 3354 – Fiberglass with DuraBrite acoustically transparent membrane

**Surface Finish**
Durabrite scrim with factory-applied latex paint

**Fire Performance**
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

**ASTM E1246 Classification**
Type XII, Form 2, Pattern E Fire Class A

**Humidity/Sag Resistance**
Humiguard® Plus ceiling panels are recommended for areas subject to high humidity, up to but not including, standing water and outdoor applications.

**Mold/Mildew Protection**
Ceiling panels with BioBlock® resist the growth of mold and mildew.

**VOC Emissions**
(PB suffix items only)
GREENGUARD Gold Certified
This product has been UL validated to be Formaldehyde-Free. UL.COM/GG
Free, UL.COM/PE

**Primary (Embodied) Energy**
See all LCA information on our EPDs.

**High Recycled Content**
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

**Acoustical Details**
Some items have CAC backing. CAC backing may be available as a special order. A CAC value of 37 can be achieved by backloading fiberglass products with item 769 or 770.

**Insulation Value**
3153, 3158, 3353, 3354, 3160, 3157 – R Factor – 4.0 (BTU units) R Factor – 0.70 (Watts units) R Factor – 0.70 (Watts units) R Factor – 0.70 (Watts units) R Factor – 0.53 (Watts units) R Factor – 0.43 (Watts units) R Factor – 0.43 (Watts units) R Factor – 0.43 (Watts units) R Factor – 0.43 (Watts units) R Factor – 0.43 (Watts units) R Factor – 0.43 (Watts units)
3154, 3356 – 0.61 lbs/SF; 84 SF/ctn
3155 – 0.45 lbs/SF; 128 SF/ctn
3157 – 0.56 lbs/SF; 100 SF/ctn
3181 – 0.43 lbs/SF; 96 SF/ctn
3164 – 0.43 lbs/SF; 100 SF/ctn
3162 – 0.42 lbs/SF; 128 SF/ctn

**Minimum Order Quantity**
1 carton

**Metric Items Available**
3151M, 3153M, 3154M, 3155M, 3158M, 3162M, 3353M, 3356M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

**30-Year Performance Guarantee & Warranty**
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

**LEED®** is a registered trademark of the U.S. Green Building Council

Declare™ is a service mark of The International Living Future Institute.

UL is a registered trademark of UL LLC. All other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates. © 2018 AWI Licensing LLC Printed in the United States of America
Smooth-textured panels provide excellent acoustical absorption and the most standard sizes of any Armstrong Ceilings product.

**KEY SELECTION ATTRIBUTES**

- **DESIGNFlex™ options include shapes and tailor-made sizes available to ship in 3 weeks**
- **Optima® PB panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today**
- **Smooth, clean, durable finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant**
- **Items with PB suffix are manufactured with a plant-based binder**
- **Outstanding acoustical performance for open plan areas, both Articulation Class (180-200) and NRC (0.90-1.00)**
- **Energy-saving high light-reflective finish**
- **Non-directional visual reduces scrap and installation time**
- **Sag-resistant large-size panels**
- **Compatible with TechZone® Ceiling Systems**
- **30-Year Limited System Warranty against visible sag, mold, and mildew**

**COLOR**

- White (WH)

**DETAILS** (Other Suspension Systems compatible. Refer to listing on page 351.)

1. Optima® Square Tegular
2. Optima® Tegular with Prelude® 15/16” suspension system
3. Optima® Tegular with Interlude® XL® HRC 9/16” suspension system
4. Optima® Tegular with Silhouette® 9/16” suspension system with 1/8” reveal
5. Suprafine® ML, XL®, and XL® HRC with Blizzard White finish
6. Silhouette® XL® 1/4” and 1/8” reveal with Blizzard White finish
7. Interlude® XL® HRC with Blizzard White finish
HumiGuard® Plus ceiling panels are recommended for high humidity areas such as bathrooms and laundry rooms due to:
- ASTM E1264 Classification
- Smoke Developed Index 50 or less (UL labeled)
- Flame Spread Index 25 or less
- ASTM E84 and CAN/ULC S102 surface burning

**FIBERGLASS OPTIMA® Tegular**

**Visual Selection**

<table>
<thead>
<tr>
<th>Edge Profile</th>
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<th>Pgs.</th>
<th>Item</th>
<th>Dimensions (Inches)</th>
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<td>8</td>
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<td>3253</td>
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**Physical Data**

| Material | 3354 – Fiberglass with DuraBrite® acoustically transparent membrane; CAC backing
| Surface Finish | DuraBrite scrim with factory-applied latex paint
| Fire Performance | ASTM E84 and CAN/ULC S102 surface burning characteristics. Smoke Developed Index 25 or less. Smoke Developed Index 50 or less (UL labeled).
| Height/Weight | 3354 – 0.42 lbs/SF; 96 SF/ctn
| Minimum Order Quantity | 1 carton

**VOC Emissions**

- **Optima** with the PB suffix is included in the Sustain® portfolio and carry Declare™ certification.
- These items are not UL classified.

**Performance Selection**

- **UL Classified Acoustics**
- **Certified Low VOC Emissions**
- **Mold & Mildew Protection**
- **Mold/Mildew Protection**

**30-Year Performance Guarantee & Warranty**

When installed with Armstrong® Suspension System. Details at armstrongceilings.com
OPTIMA® PB options now in Shapes!

with Plant-based Binder

Tegular fine texture

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

UL Classified Acoustics

Fire Performance

Reflect Light

Mold & Mildew Protection

Sag Resist

Certified Low Emissions

Wash

Impact

Scratch

Recycled Content

Sustainability

Recycled Content

30-Yr Warranty

350 TechLine 877 276-7876
armstrongceilings.com/commercial

1 Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. Optima items with the PB suffix are included in the Sustain® portfolio and carry Declare® certification.
**VISUAL SELECTION**

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**PERFORMANCE SELECTION**

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<th>Total Acoustical Class</th>
<th>Fire Performance</th>
<th>Light Reflectivity</th>
<th>Sound Absorptivity</th>
<th>Mold &amp; Mildew Protection</th>
<th>Fire Block</th>
<th>HumiGuard® Plus</th>
<th>Certified Low VOC Emissions</th>
<th>Wash</th>
<th>Impact</th>
<th>Scratch</th>
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**SUSPENSION SYSTEMS**

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<td>Silhouette® 1/4&quot; Reveal</td>
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<tr>
<td>Suprafine®</td>
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<td>Interlude® XL HRC</td>
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<td>Sonata® XL</td>
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**Blizzard White – Suspension System Finish**

A color and texture coordinated suspension system to complement Optima® ceiling panels for a monolithic look and feel. Available for: Prelude® XL® and XL® HRC, Suprafine® ML, XL, and XL HRC, Silhouette® XL® 1/4" and 1/8" Reveal, Interlude® XL® HRC.

**ACCESSORIES**

(Not included; ordered separately)

| 435 | Stabilizer Clip (3/4" & 1") |

Recommended for panels 60" and greater in length.

**NOTE:** Panels 60" up to 96" – One clip near mid-point of each long edge. Panels 96" and over – Two clips at 1/3 points of each long edge.

**PHYSICAL DATA**

- **Material:** 3355 – Fiberglass with DuraBrite® acoustically transparent membrane; CAC backing. All other items – Fiberglass with DuraBrite acoustically transparent membrane.
- **Surface Finish:** DuraBrite scrim with factory-applied latex paint.
- **Fire Performance:**
  - ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).
  - ASTM E1264 Classification
  - Type XI, Form 2, Pattern E
  - Fire Class A
- **Humidity/Sag Resistance:** HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- **Mold/Mildew Protection:** Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

**VOC Emissions**

- (PB suffix items only)
- Optima items with the PB suffix are included in the Sustain® portfolio and carry Declare® certification.

**GreenGUARD Gold Certified**

- Living Building Challenge Compliant (PB Suffix Only)
- Commercial (PB Suffix Only)

- USGBC LEED® Credit: 0.90
- GreenGUARD Gold Certified (PB Suffix Only)
- UL Directory 0.90
- GreenGUARD Gold Certified (PB Suffix Only)

**PB Options Now in Shapes!**

- **Total Acoustical Class:**
  - A
  - Class A
  - Class 1
  - Class 2
  - Class 3

- **Class A:**
  - 0.90
  - 0.95

- **PB Options:**
  - Prebonded (PB) scrim
  - CAC backing

- **PB Options:**
  - 0.95
  - 0.90

- **PB Options:**
  - 0.95
  - 0.90

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- **PB Options:**
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  - 0.90

- **PB Options:**
  - 0.95
  - 0.90
### OPTIMA® Tegular

**Profile**
- Tegular

**Texture**
- fine texture

### Visual Selection

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<th>Item No.</th>
<th>Dimensions (Inches)</th>
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<td>9/16&quot; Square Tegular</td>
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<td>24 x 96 x 1&quot;</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>3283</td>
<td>27 x 30 x 1&quot;</td>
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<tr>
<td>9/16&quot; Square Tegular</td>
<td>3286</td>
<td>28 x 30 x 1&quot;</td>
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<td>9/16&quot; Square Tegular</td>
<td>3289</td>
<td>28 x 60 x 1&quot;</td>
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<tr>
<td>9/16&quot; Square Tegular</td>
<td>3295</td>
<td>30 x 30 x 1&quot;</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>3299</td>
<td>30 x 54 x 1&quot;</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>3249</td>
<td>30 x 56 x 1&quot;</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>3297</td>
<td>30 x 60 x 1&quot;</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>3287</td>
<td>42 x 48 x 1&quot;</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>3288</td>
<td>44 x 48 x 1&quot;</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>3256PB</td>
<td>48 x 48 x 1&quot;</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>3249</td>
<td>48 x 54 x 1&quot;</td>
</tr>
</tbody>
</table>

### Performance Selection

![Table with various performance metrics for different item numbers and dimensions.](image-url)
HumiGuard® Plus ceiling panels are recommended Fire Class A Type XII, Form 2, Pattern E ASTM E1264 Classification Smoke Developed Index 50 or less (UL labeled).

ASTM E84 and CAN/ULC S102 surface burning Fire Performance

All other items – Fiberglass with DuraBrite® transparent membrane; CAC backing.

• Optima items with the PB suffix are included in the Sustain® portfolio and carry Declare certification.

PB 3355 – Fiberglass with DuraBrite® acoustically transparent membrane; pre-consumer (post-industrial) recycled content per FTC guidelines. Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value

3254 – R Factor = 6.0 (BTU units)
R Factor = 1.05 (Watts units)

Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

Available for: Prelude® XL®, XL HRC, Silhouette® XL 1/4” and 1/8” Reveal, Interlude® XL HRC, Sonata® XL

TechLine/ 1 877 276-7876
armstrongceilings.com/commercial (search: optima)

BPCS-4648-1018

353
OPTIMA® OPTIMA® with Plant-based Binder
Vector®
fine texture

**KEY SELECTION ATTRIBUTES**

- DESIGNFlex™ options include tailor-made sizes available to ship in 3 weeks
- 1/4" reveal between acoustical panels results in a monolithic appearance
- Vector Trim Kit in Blizzard White finish for easy installation and bright visual
- Optima® PB panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- Downward accessible for minimal plenum height
- Outstanding acoustical performance for open plan areas, both Articulation Class (190) and NRC (0.80–0.90)
- Smooth, clean durable finish – Washable
- Energy-saving high light-reflective finish
- Items with PB suffix are manufactured with a plant-based binder
- Item 3901 available in Create!™ printed images and patterns see pages 302–304
- 30-Year Limited System Warranty against visible sag, mold, and mildew

**COLOR**

- White (WH)

**DETAILS**

1. Optima® Vector®
2. Optima® Vector® with Prelude 15/16" suspension system
3. Optima® Vector® with fixture trim

Fine-textured acoustical panel is ideal for projects with limited plenum space: requires about 6" of clear space from the deck.
**OPTIMA® OPTIMA® with Plant-based Binder Vector® fine texture**

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4” Reveal with 15/16” Vector</td>
<td>73 1466 6 x 48 x 7/8”</td>
<td>3902* 3900PB</td>
<td>12 x 24 x 7/8”</td>
</tr>
<tr>
<td>73 1467 6 x 96 x 7/8”</td>
<td>3903* 3903PB</td>
<td>12 x 24 x 7/8”</td>
<td></td>
</tr>
<tr>
<td>73 3900 24 x 24 x 7/8”</td>
<td>3901 24 x 24 x 7/8”</td>
<td>3908 24 x 48 x 7/8”</td>
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</tr>
<tr>
<td>73 3906 24 x 72 x 7/8”</td>
<td>3907 24 x 96 x 7/8”</td>
<td>3904 30 x 30 x 7/8”</td>
<td></td>
</tr>
<tr>
<td>73 3905 30 x 30 x 7/8”</td>
<td>3909 48 x 48 x 7/8”</td>
<td></td>
<td></td>
</tr>
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</table>

**Size Capabilities**

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>4” – 11-1/2”</td>
<td>12” – 30”</td>
</tr>
<tr>
<td>12-30”</td>
<td>4” – 120”</td>
</tr>
<tr>
<td>30-12” – 48”</td>
<td>4” – 48”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>1/4” Reveal with 15/16” Vector</th>
<th>15/16”</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4” Reveal with 15/16” Vector</td>
<td>73 1466 6 x 48 x 7/8”</td>
<td>3902* 3900PB</td>
</tr>
<tr>
<td>73 1467 6 x 96 x 7/8”</td>
<td>3903* 3903PB</td>
<td>12 x 24 x 7/8”</td>
</tr>
<tr>
<td>73 3900 24 x 24 x 7/8”</td>
<td>3901 24 x 24 x 7/8”</td>
<td>3908 24 x 48 x 7/8”</td>
</tr>
<tr>
<td>73 3906 24 x 72 x 7/8”</td>
<td>3907 24 x 96 x 7/8”</td>
<td>3904 30 x 30 x 7/8”</td>
</tr>
<tr>
<td>73 3905 30 x 30 x 7/8”</td>
<td>3909 48 x 48 x 7/8”</td>
<td></td>
</tr>
</tbody>
</table>

**OPTIMA® Vector®**

HumiGuard® Plus ceiling panels are recommended Type XII, Form 2, Pattern E ASTM E1264 Classification Smoke Developed Index 50 or less (UL labeled.)

**PHYSICAL DATA**

- **Material:** Fiberglass with DuraBrite® acoustically transparent membrane 3901, 3903, 3905 – Fiberglass with DuraBrite acoustically transparent membrane
- **Surface Finish:** DuraBrite scrim with factory-applied latex paint
- **Fire Performance:** ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)
- **Humidity/Sag Resistance:** HumiGuard® Plus

**ACCESSORIES**

**VECTORS TRIM KITS**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Length</th>
<th>Color</th>
<th>Substrate</th>
<th>Pcs/Ctn</th>
</tr>
</thead>
<tbody>
<tr>
<td>VETK42W</td>
<td>4”</td>
<td>Blizzard White</td>
<td>Steel</td>
<td>24</td>
</tr>
<tr>
<td>VETK62W</td>
<td>6”</td>
<td>Blizzard White</td>
<td>Steel</td>
<td>24</td>
</tr>
<tr>
<td>VETK442W</td>
<td>24”</td>
<td>Blizzard White</td>
<td>Steel</td>
<td>24</td>
</tr>
<tr>
<td>VETK452W</td>
<td>48”</td>
<td>Blizzard White</td>
<td>Steel</td>
<td>24</td>
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<tr>
<td>VETK062W</td>
<td>96”</td>
<td>Blizzard White</td>
<td>Steel</td>
<td>24</td>
</tr>
</tbody>
</table>

**Mold/Mildew Protection**

Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

**VOC Emissions**

This product has been UL validated to be Formidable-Free.

**Primary (Embodied) Energy**

See all LCA information on our EPDs.

**LEED®**

A service mark of The International Living Future Institute. LEED® is a registered trademark of the U.S. Green Building Council. When installed with Armstrong® Suspension System, Details at armstrongceilings.com

**Acoustical Details**

Some items have SAC backing. SAC backing may be available as a special order.

**Insulation Value**

R Factor – 3.5 (BTU units) R Factor – 0.62 (Watts units)

**30-Year Performance Guarantee & Warranty**

When installed with Armstrong® Suspension System. Details at armstrongceilings.com

**Weight and Square Foot/Carton**

<table>
<thead>
<tr>
<th>146 - 0.58 lbs/SF</th>
<th>24 SF/cnt</th>
<th>1467 - 0.58 lbs/SF</th>
<th>42 SF/cnt</th>
<th>3900, 3900PB, 3901, 3902, 3903 – 0.58 lbs/SF</th>
<th>48 SF/cnt</th>
</tr>
</thead>
<tbody>
<tr>
<td>3904, 3905 – 0.59 lbs/SF</td>
<td>75 SF/cnt</td>
<td>3908, 3908PB – 0.56 lbs/SF</td>
<td>96 SF/cnt</td>
<td>3909 – 0.60 lbs/SF</td>
<td>64 SF/cnt</td>
</tr>
<tr>
<td>3908 – 0.57 lbs/SF</td>
<td>72 SF/cnt</td>
<td>3907 – 0.56 lbs/SF</td>
<td>96 SF/cnt</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Minimum Order Quantity**

1 carton

**TechLine**

1 877 272-7876 armstrongceilings.com/commercial (search: optima)

BPCS-3663-219

**355**

CEILING & WALL SOLUTIONS
Fine texture acoustical panels with a fully concealed suspension system create a monolithic look with accessibility.

**KEY SELECTION ATTRIBUTES**

- DesignFlex™ options include tailor-made sizes available to ship in 3 weeks
- Large format acoustical panels
- Downward accessible for minimal plenum height
- Outstanding acoustical performance for open plan areas, both Articulation Class (190) and NRC (0.90)
- Smooth, clean, durable finish – Washable
  Scratch-resistant
  Soil-resistant
- Energy-saving, high light-reflective finish
- 30-Year Limited System Warranty against visible sag, mold, and mildew

**COLOR**

White

**DETAILS**

1. Optima® Concealed
2. Optima® Concealed with Prelude® XL® 15/16" suspension system
OPTIMA® Concealed
Concealed Suspension
fine texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Kerf™ Edge</td>
<td>8537</td>
<td>24 x 48 x 7/8&quot;</td>
</tr>
<tr>
<td>Non-support Edge</td>
<td>8535</td>
<td>24 x 72 x 7/8&quot;</td>
</tr>
<tr>
<td></td>
<td>8536</td>
<td>24 x 96 x 7/8&quot;</td>
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<tr>
<td></td>
<td>8534</td>
<td>30 x 30 x 7/8&quot;</td>
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<tr>
<td></td>
<td>8538</td>
<td>48 x 48 x 7/8&quot;</td>
</tr>
<tr>
<td></td>
<td>8539</td>
<td>48 x 48 x 7/8&quot;</td>
</tr>
</tbody>
</table>

Size Capabilities

Made-to-Order Sizes (3 WRs)

<table>
<thead>
<tr>
<th>Made-to-Order Sizes</th>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/8” Thick</td>
<td>4”</td>
<td>11-1/2”</td>
</tr>
<tr>
<td>12” – 96”</td>
<td>12”</td>
<td>96”</td>
</tr>
<tr>
<td>12” – 30”</td>
<td>12”</td>
<td>30”</td>
</tr>
<tr>
<td>30-1/2” – 48”</td>
<td>4”</td>
<td>48”</td>
</tr>
<tr>
<td>48”</td>
<td>48”</td>
<td></td>
</tr>
</tbody>
</table>

PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Edge Profile</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8537</td>
<td>Quick Kerf™ Edge</td>
<td>24 x 48 x 7/8&quot;</td>
</tr>
<tr>
<td>8535</td>
<td>Quick Kerf™ Edge</td>
<td>24 x 72 x 7/8&quot;</td>
</tr>
<tr>
<td>8536</td>
<td>Quick Kerf™ Edge</td>
<td>24 x 96 x 7/8&quot;</td>
</tr>
<tr>
<td>8534</td>
<td>Non-support Edge</td>
<td>30 x 30 x 7/8&quot;</td>
</tr>
<tr>
<td>8538</td>
<td>Non-support Edge</td>
<td>48 x 48 x 7/8&quot;</td>
</tr>
<tr>
<td>8539</td>
<td>Non-support Edge</td>
<td>48 x 48 x 7/8&quot;</td>
</tr>
</tbody>
</table>

1 Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

GOOD (NRC 0.60-0.65; CAC 35+) BETTER (NRC 0.70-0.75; CAC 35+) BEST (NRC 0.80+; CAC 35+)

FIXTURE TRIM

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Length</th>
<th>Pcs</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTP4ZW</td>
<td>4”</td>
<td>24</td>
<td>Blizzard White</td>
</tr>
<tr>
<td>FTP6ZW</td>
<td>6”</td>
<td>24</td>
<td>Blizzard White</td>
</tr>
<tr>
<td>FTP24ZW</td>
<td>24”</td>
<td>24</td>
<td>Blizzard White</td>
</tr>
<tr>
<td>FTP48ZW</td>
<td>48”</td>
<td>24</td>
<td>Blizzard White</td>
</tr>
<tr>
<td>FTP96ZW</td>
<td>96”</td>
<td>24</td>
<td>Blizzard White</td>
</tr>
</tbody>
</table>

Other Size 4” to 96” Trim Pieces

- Blizzard White (custom colors available)

ACCESSORIES (must be ordered separately)

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Edge Profile</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>441</td>
<td>Border Clip</td>
<td>Used for corners and special cutouts.</td>
</tr>
<tr>
<td>442A</td>
<td>Hold-Down Clip</td>
<td></td>
</tr>
<tr>
<td>7425</td>
<td>Stabilizer Bars</td>
<td></td>
</tr>
<tr>
<td>7431</td>
<td>(24” R)</td>
<td></td>
</tr>
<tr>
<td>7445</td>
<td>(48” R)</td>
<td></td>
</tr>
<tr>
<td>7461</td>
<td>(60” R)</td>
<td></td>
</tr>
<tr>
<td>522</td>
<td>Mid-point Clip (needed for panels over 30” wide)</td>
<td></td>
</tr>
<tr>
<td>7870</td>
<td>Spring Border Clip (for installations with the panel resting on the wall molding)</td>
<td></td>
</tr>
</tbody>
</table>

SUSPENSION SYSTEMS

15/16”

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Kerf™ Edge</td>
<td>FTP4ZW</td>
<td>4” x 48”</td>
</tr>
<tr>
<td>Non-support Edge</td>
<td>FTP6ZW</td>
<td>6” x 48”</td>
</tr>
<tr>
<td></td>
<td>FTP24ZW</td>
<td>24” x 48”</td>
</tr>
<tr>
<td></td>
<td>FTP48ZW</td>
<td>48” x 48”</td>
</tr>
<tr>
<td></td>
<td>FTP96ZW</td>
<td>96” x 48”</td>
</tr>
</tbody>
</table>

AXIOM® TRIM DETAIL

Optima® Concealed panels with Axiom® Vector® trim for cloud-friendly design. Blizzard White color and texture finish available to complement Optima ceiling panels.

PHYSICAL DATA

Material

8534, 8535, 8536, 8537, 8538 – Fiber glass with DuraBrite® acoustically transparent membrane. 8539 – Fiberglass with DuraBrite acoustically transparent membrane; CAC backing.

Surface Finish

DuraBrite scrim with factory-applied latex paint

Fire Performance

ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled). ASTM E1246 Classification

Type XII, Form 2, Pattern E Fire Class A

Humidity/Sag Resistance

HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Mold/Mildew Protection

Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

Primary (Embodied) Energy

See all LCA information on our EPDs.

Installation Consideration

Optima® Concealed panels must be installed on a square, level suspension system as tolerance is near zero.

30-Year Performance Guarantee & Warranty

When installed with Armstrong® Suspension System. Details at armstrongceilings.com

Weight, Square Feet/ Carton

8534 – 0.55 lbs/ft², 15 SF/ctn
8535 – 0.55 lbs/ft², 15 SF/ctn
8536, 8537 – 0.55 lbs/ft², 96 SF/ctn
8538, 8539 – 0.55 lbs/ft², 64 SF/ctn

Minimum Order Quantity

1 carton

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OPTIMA® Health Zone™
Square Lay-in
fine texture

This absorptive ceiling panel meets USDA/FSIS guidelines for use in food preparation/kitchens, and Clean Room assemblies.

KEY SELECTION ATTRIBUTES
• Optima® Health Zone™ PB panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
• Items with PB suffix are manufactured with a plant-based binder
• Smooth, clean, durable finish – Impact-resistant, Scratch-resistant, and Soil-resistant
• Long-lasting water-repellency
• Washable and Scrubbable
• Clean Rooms up to ISO Class 5 (Items 3114, 3115 with Clean Room™ suspension system)
• Exceeds FGI guidelines for acoustics and cleanability in general healthcare spaces
• Safe for use with disinfectants
• Meets USDA/FSIS guidelines for use in food processing areas
• Energy-saving high light-reflective finish
• Visual complements Ultima®, Ultima® Health Zone™, and Optima® panels
• 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth

COLOR
White (WH)

DETAILS
1. Optima® Health Zone™ Square Lay-In
2. Optima® Health Zone™ Square Lay-In with Clean Room™ 15/16" suspension system

TYPICAL APPLICATIONS
Clean Rooms
• Medical facilities
• Data centers
Healthcare:
• Assists in addressing HIPAA, HCAHPS, and FGI requirements
• Patient rooms (walls-to-deck)
• Treatment rooms (walls-to-deck)
• Nurses’ stations
• Emergency rooms
• Semi-restricted surgical areas
• Kitchens/food preparation areas
• Laboratories
OPTIMA® Health Zone™
Square Lay-in
tiny texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OPTIMA® Health Zone</strong></td>
<td>15/16&quot; Square Lay-in</td>
<td>24 x 24 x 1&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3114PB</td>
<td>24 x 24 x 1-1/2&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3115PB</td>
<td>24 x 48 x 1&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3314</td>
<td>24 x 24 x 1-1/2&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3315</td>
<td>24 x 48 x 1-1/2&quot;</td>
</tr>
</tbody>
</table>

**OPTIMA® Size Capabilities**

<table>
<thead>
<tr>
<th>15/16&quot; Square Lay-in</th>
<th>Made-to-Order Sizes (3 Wks)</th>
<th>PB 1&quot; Thick (Non-PB 1-1/2&quot; Thick)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; – 42-1/2&quot;</td>
<td>4&quot; – 48&quot;</td>
<td>4&quot; – 48&quot;</td>
</tr>
<tr>
<td>43 – 46&quot;</td>
<td>6&quot; – 11-1/2&quot;</td>
<td>6&quot; – 48&quot;</td>
</tr>
<tr>
<td>12&quot; – 42-1/2&quot;</td>
<td>4&quot; – 48&quot;</td>
<td>43 – 46&quot;</td>
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<tr>
<td>42 – 48&quot;</td>
<td>42 – 48&quot;</td>
<td>4 – 42&quot;</td>
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</tbody>
</table>

**Performance Selection**

Dots represent high level of performance.

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics</th>
<th>Aspiration Classification</th>
<th>Ingestion Class</th>
<th>Performance</th>
<th>Light</th>
<th>Reflection</th>
<th>Mold &amp; Mildew</th>
<th>Radiation Protection</th>
<th>Scratch</th>
<th>Water Resistance</th>
<th>Wash</th>
<th>Scrub</th>
<th>Impact</th>
<th>Scratch</th>
<th>Soil</th>
<th>Recycled Content</th>
<th>Recycled Program</th>
<th>Sustainability</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.95 N/A – 190 Class 0.86</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
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<td>A</td>
<td>A</td>
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</table>

**SUSPENSION SYSTEMS**

<table>
<thead>
<tr>
<th>Location Dependent</th>
<th>Clean Room (Aluminum)</th>
<th>Prelude®, Prelude Plus, Aluminum Prelude® Plus XL®</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1-1/2”</strong></td>
<td>Clean Room</td>
<td>Prelude®</td>
</tr>
<tr>
<td><strong>15/16”</strong></td>
<td>Prelude®</td>
<td></td>
</tr>
</tbody>
</table>

**Physical Data**

**Material**
3114PB, 3115PB – Fiberglass with DuraBrite® scrim acoustically transparent membrane. 3314, 3315, 3316, 3317 – Fiberglass with DuraBrite acoustically transparent membrane; CAC backing.

**Surface Finish**
DuraBrite with factory-applied latex paint

**Fire Performance**
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

**ASTM E1264 Classification**
Type XI, Form 2, Pattern E, Fire Class A

**Humidity/Sag Resistance**
HumilGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

**Mold/Mildew & Bacteria Protection**
Optima® HealthZone™ ceiling panels with BioBlock® Plus performance resist the growth of mold and mildew, and resist odor- and stain-causing bacterial growth.

**VOC Emissions**
(BP suffix items only)
GREENGUARD Gold Certified
This product has been UL validated to be Formaldehyde-Free.
UL.COM/E4D

**Product CERTIFIED for LOW CHEMICAL EMISSIONS UL 2818 2018**

**Application Considerations**
For Clean Room installations, use full-size panels. Testing for Clean Room 5 (Class 100) was completed with full-size 15/16” gasketed suspension system. For Clean Rooms that require field-cut perimeter panels, use Lay-in panels (3114, 3115) or Tegular panels (3214, 3215) with Lay-in field-cut panels at the perimeter.

**30-Year Performance Guarantee & Warranty**
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

**Cleaning Recommendations**
To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface. To disinfect panel, lightly spray surface and wipe clean with a clean, white cloth. Acceptable colorless disinfectants include:
• Sodium hypochlorite
• Hydrogen peroxide
• Quaternary ammonium

**Weight**
Square Feet/Carton: 3114PB – 0.46 lbs/SF; 3115PB – 0.45 lbs/SF, 96 SF/ctn; 3314, 3315 – 0.87 lbs/SF, 32 SF/ctn

**Minimum Order Quantity**
1 carton

TechLine 877 276-7786
armstrongceilings.com/commercial
OPTIMA® Health Zone™
Tegular
fine texture

TYPICAL APPLICATIONS
- Clean Rooms
- Medical facilities
- Data centers
- Healthcare:
  - Assists in addressing HIPAA, HCAHPS, and FGI requirements
  - Patient rooms (walls-to-deck)
  - Treatment rooms (walls-to-deck)
  - Nurses’ stations
  - Emergency rooms
  - Semi-restricted surgical areas
  - Kitchens/food preparation areas
  - Laboratories

KEY SELECTION ATTRIBUTES
- Optima® Health Zone™ PB panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- Items with PB suffix are manufactured with a plant-based binder
- Smooth, clean, durable finish – Impact-resistant, Scratch-resistant, and Soil-resistant
- Long-lasting water-repellency
- Washable and Scrubbable
- Clean Rooms up to ISO Class 5 (Items 3214, 3215 with Clean Room™ suspension system)
- Exceeds FGI guidelines for acoustics and cleanability in general healthcare spaces
- Safe for use with disinfectants
- Meets USDA/FSS guidelines for use in food processing areas
- Energy-saving high light-reflective finish
- Visual complements Ultima®, Ultima® Health Zone™, and Optima® panels
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth
- Energy-saving high light-reflective finish
- Visual complements Ultima®, Ultima® Health Zone™, and Optima® panels
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth

COLOR

- White

DETAILS (Other Suspension Systems compatible. Refer to listing on page 361.)

1. Optima® Health Zone™ 15/16” Square Tegular
2. Optima® Health Zone™ 9/16” Square Tegular
3. Optima® Health Zone™ Square Tegular with Prelude XL 15/16” suspension system
4. Optima® Health Zone™ PB Square Tegular with Interlude® XL® HRC 9/16” suspension system

See more photos at:
armstrongceilings.com/photogallery
SEARCH: optima

This absorptive ceiling panel meets USDA/FSIS guidelines for use in food preparation/kitchens, and Clean Room assemblies.
### OPTIMA® Health Zone™

**Tegular fine texture**

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Made-to-Order Sizes (3 Wks)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OPTIMA® Health Zone™</strong></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Square Tegular</td>
<td>N/A <strong>PB 1&quot; Thick</strong></td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>N/A <strong>PB 1-1/2&quot; Thick</strong></td>
</tr>
</tbody>
</table>

**OPTIMA® Size Capabilities**

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>3214PB</td>
<td>24 x 24 x 1&quot;</td>
</tr>
<tr>
<td>3215PB</td>
<td>24 x 48 x 1&quot;</td>
</tr>
<tr>
<td>3217PB</td>
<td>24 x 48 x 1-1/2&quot;</td>
</tr>
</tbody>
</table>

**PERFORMANCE SELECTION**

<table>
<thead>
<tr>
<th>UL Classified</th>
<th>Acoustics</th>
<th>Sound</th>
<th>Fire</th>
<th>Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Class 180</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUSPENSION SYSTEMS**

"C29 39 achieved with Clean Room™ suspension system; not UL Classified for acoustics.

**PHYSICAL DATA**

**Material**

1210PB, 1215PB, 1217PB — Fiberglass with DuraBrite scrim acoustically transparent membrane. 3314, 3315, 3316, 3317 — Fiberglass with DuraBrite acoustically transparent membrane; CAC backing.

**Surface Finish**

DuraBrite with factory-applied latex paint

**Fire Performance**

ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Generated Index 50 or less (UL labeled).

**ASTM E1264 Classification**

Type XII, Form 2, Pattern E, Fire Class A

**Smoke Developed Index 50 or less (UL labeled).**

**VOC Emissions**

(PB suffix items only)

This product has been UL validated to be Formaldehyde-Free. UL.COM/EXP.


**Primary (Embodied) Energy**

See all LCA information on our EPDs.

**Acoustical Details**

Some items have CAC backing. CAC backing may be available as a special order. CAC value of 37 can be achieved by backloading soft fiber products with item 769 or 770.

**Insulation Value**

R Factor = 4.0 (BTU units) R Factor = 0.70 (Watts units)
OPTIMA® Radial
Custom Lay-in & Tegular Ceiling System
fine texture

Optima® panels designed for dramatic installations, requiring a fine-textured visual and performance.

KEY SELECTION ATTRIBUTES

- Outstanding acoustical performance in both Articulation Class (190-200) and NRC (0.90-0.95)
- Smooth, clean, durable finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Energy-saving high light-reflective finish
- Sag resistant large panels
- 30-Year Limited System Warranty against visible sag and mold and mildew

COLOR

White (WH)

DETAILS

1. Optima® Square Lay-in
2. Optima® Square Tegular
OPTIMA® Radial
Custom Lay-in & Tegular Ceiling System
fine texture

OPTIMA® RADIAL SYSTEM OVERVIEW

<table>
<thead>
<tr>
<th>Product</th>
<th>Panels</th>
<th>Length</th>
<th>Width</th>
<th>System Capabilities</th>
<th>Suspension System</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPTIMA Lay-in or Tegular</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Custom Trapezoid Lay-in, Custom Trapezoid Tegular</td>
<td>6” intervals from 24”-66”</td>
<td>12”-48”</td>
<td>• Meets taper up to 5° • Minimum inside radius 12” • Center must be a separate component</td>
<td>Interlude®, Suprafine®, Prelude® (accessible) with custom cross tees</td>
<td></td>
</tr>
</tbody>
</table>

1-sided 2-sided

48” max

12” min

Width: 12”-48”

Length: 8 lengths are available in the following 6” increments: 24”; 30”; 36”; 42”; 48”; 54”; 60”; and 66”

Taper: The maximum taper angle per side for all trapezoids is 2.5 degrees. For two-sided trapezoids, the taper angle must be equal on both sides (i.e., symmetrical) for a maximum of 5 degrees.

Minimum Radius: The minimum achievable radius is 12”. This is based on a minimum panel edge of 12” with the maximum tapers noted below. Optima Radial panels CANNOT be used inside this 12” radius—drywall may be a suitable alternative.

Minimum radius 12”-0” (12” minimum panel edge)

One-sided: • Refer to Optima® Radial Technical Guide for additional capabilities

Two-sided: • Each tapered side MUST be symmetrical • Refer to Optima Radial Technical Guide for additional capabilities

NOTE: This information does not apply to WoodWorks® or MetalWorks™ Radial ceilings. Please consult TechLine at 1 877 276-7876, or visit armstrongceilings.com/radial for more details.

PHYSICAL DATA

Material
Fiberglass with DuraBrite® acoustically transparent membrane with or without CAC backing

Surface Finish
DuraBrite with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

ASTM E1264 Classification
Type XII, Form 2, Pattern E Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Mold/Mildew Protection
Ceilings with BioBlock® performance resist the growth of mold and mildew.

Primary (Embodied) Energy
See all LCA information on our EPDs.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
3/4” – R Factor – 3.0 (BTU units) 0.53 (Watts units)
1” – R Factor – 4.0 (BTU units) 0.70 (Watts units)
1-1/2” – R Factor – 6.0 (BTU units) 1.05 (Watts units)

Weight, Square Feet/Carton
Sizes, weight, and square feet vary with order

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

Minimum Order Quantity
1 carton

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PAINTED NUBBY™
Square Lay-in & Tegular
medium texture

This panel offers excellent acoustical absorption with a medium-textured fabric visual.

KEY SELECTION ATTRIBUTES

• Outstanding acoustical performance; both Articulation Class (180-190) and NRC (0.85-0.95)
• Fiberglass substrate resists mold and mildew
• 30-Year Limited System Warranty against visible sag, mold, and mildew

COLOR

White

DETAILS

1. Painted Nubby™ Tegular
2. Painted Nubby™ Tegular with Silhouette® 9/16” suspension system 1/4” reveal
PAINTED NUBBY™
Square Lay-in & Tegular
medium texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PAINTED NUBBY™ Square Lay-in</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>3102</td>
<td>24 x 24 x 1”</td>
<td>3/4” or 1” Thick</td>
<td>4” - 48” x 4” - 120”</td>
</tr>
<tr>
<td></td>
<td>3101</td>
<td>24 x 48 x 3/4”</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3103</td>
<td>24 x 48 x 1”</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3104</td>
<td>48 x 96 x 1”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAINTED NUBBY Tegular</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16” Square Tegular</td>
<td>3200</td>
<td>24 x 24 x 1”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/16” Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>3201</td>
<td>24 x 24 x 1”</td>
<td></td>
</tr>
</tbody>
</table>

Size Capabilities

- Width 4” - 48”
- Length 4” - 120”

PERFORMANCE SELECTION

Dots represent high level of performance.

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Articulation Class</th>
<th>Fire Performance</th>
<th>Smoke Developed Class</th>
<th>Mold/Mildew Protection</th>
<th>Recyclability</th>
<th>Certified Low VOC Emissions</th>
<th>Durability</th>
<th>Recycled Content</th>
<th>30-Year Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 3102</td>
<td>0.95</td>
<td>N/A</td>
<td>190 Class A</td>
<td>0.84</td>
<td>A</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
</tr>
<tr>
<td>1 3101</td>
<td>0.85</td>
<td>N/A</td>
<td>180 Class A</td>
<td>0.84</td>
<td>A</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
</tr>
<tr>
<td>1 3103</td>
<td>0.95</td>
<td>N/A</td>
<td>190 Class A</td>
<td>0.84</td>
<td>A</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
</tr>
<tr>
<td>1 3104</td>
<td>0.95</td>
<td>N/A</td>
<td>190 Class A</td>
<td>0.84</td>
<td>A</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
</tr>
</tbody>
</table>

SUSPENSION SYSTEMS

- 15/16” Prelude®
- 9/16” Silhouette® XL® 1/4” Reveal
- Silhouette XL® 1/8” Reveal
- Suprafine® XL®
- Interlude® XL® HRC
- Sonata® XL®

PHYSICAL DATA

- Material: Fiberglass with fabric facing
- Surface Finish: Factory-appliedlatex paint
- Fire Performance:
  - ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)
  - ASTM E1264 Classification: Type Xl, Form 2, Pattern E, Fire Class A
- Humidity/Sag Resistance:
  - HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
  - Mold/Mildew Protection: Ceiling panels with BioBlock® performance resist the growth of mold and mildew.
  - High Recycled Content: Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.
  - Acoustical Details: A CAC value of 37 can be achieved by backloading fiberglass products with Item 769 or 770.
  - Insulation Value:
    - 3101 – R Factor - 3.0 (BTU units)
    - R Factor - 0.53 (Watts units)
    - 3102, 3103, 3104, 3200, 3201 – R Factor - 4.0 (BTU units)
    - R Factor - 0.70 (Watts units)
- 30-Year Performance Guarantee & Warranty: When installed with Armstrong® Suspension System. Details at armstrongceilings.com

Weight, Square Feet/Carton

- 3101 – 0.44 lbs/SF; 128 SF/ctn
- 3102, 3103 – 0.46 lbs/SF; 96 SF/ctn
- 3104 – 0.46 lbs/SF; 128 SF/ctn
- 3200, 3201 – 3.46 lbs/SF; 48 SF/ctn

Minimum Order Quantity

- 1 carton, excludes made-to-order panels

Metric Items Available

- 3102M, 3101M, 3103M, 3200M, 3201M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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PEBBLE™
Square Lay-in
medium texture

This economical, medium-textured panel provides excellent sound absorption options.

KEY SELECTION ATTRIBUTES

- Excellent sound absorption (perforated items)
- Easy-to-clean, durable surface
- Economical solution
- 30-Year Limited System Warranty against visible sag, mold, and mildew

COLOR

White

DETAILS

1. Pebble™
2. Pebble™ with Prelude® 15/16" suspension system
## VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>PEBBLE™ High NRC (Perforated)</td>
<td>15/16”</td>
<td>2988</td>
<td>24 x 24 x 1”</td>
<td>0.80</td>
<td>N/A</td>
<td>Class A</td>
<td>0.89</td>
<td>-</td>
<td>-</td>
<td>0.89</td>
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<tr>
<td>15/16”</td>
<td>2989</td>
<td>24 x 48 x 1”</td>
<td>0.80</td>
<td>N/A</td>
<td>Class A</td>
<td>0.89</td>
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</tbody>
</table>

## PERFORMANCE SELECTION

Dots represent high level of performance.

### PEBBLE™ High NRC (Perforated)

#### Size Capabilities

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1” Thick</td>
<td>12” - 30”</td>
</tr>
</tbody>
</table>

#### Made-to-Order Sizes (3-4 Wks)

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1” Thick</td>
<td>12” - 30”</td>
</tr>
</tbody>
</table>

### PEBBLE (Perforated)

#### Size Capabilities

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8” Thick</td>
<td>12” - 30”</td>
</tr>
</tbody>
</table>

#### Made-to-Order Sizes (3-4 Wks)

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8” Thick</td>
<td>12” - 30”</td>
</tr>
</tbody>
</table>

### PEBBLE (Perforated and Unperforated)

#### Size Capabilities

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8” Thick</td>
<td>12” - 30”</td>
</tr>
</tbody>
</table>

#### Made-to-Order Sizes (3-4 Wks)

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8” Thick</td>
<td>12” - 30”</td>
</tr>
</tbody>
</table>

*Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

## SUSPENSION SYSTEMS

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16”</td>
<td>Prelude®</td>
</tr>
</tbody>
</table>

## PHYSICAL DATA

### Material
Fiberglass with vinyl facing

### Surface Finish
Scrubbable vinyl film facing (UV protected)

### Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

### ASTM E1264 Classification
Type XII, Form 1, Pattern E C

### Fire Class A

### Humidity/Sag Resistance
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to but not including, standing water and outdoor applications.

### Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

### High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

### Insulation Value

#### PEBBLE™ High NRC (Perforated)

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
<th>R Factor (BTU units)</th>
<th>R Factor (Watts units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2970</td>
<td>24 x 48 x 1”</td>
<td>0.20 lbs/SF</td>
<td>0.31 lbs/SF</td>
</tr>
<tr>
<td>2988</td>
<td>24 x 48 x 1”</td>
<td>0.20 lbs/SF</td>
<td>0.20 lbs/SF</td>
</tr>
<tr>
<td>2989</td>
<td>24 x 48 x 1”</td>
<td>0.20 lbs/SF</td>
<td>0.20 lbs/SF</td>
</tr>
</tbody>
</table>

#### PEBBLE (Perforated)

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
<th>R Factor (BTU units)</th>
<th>R Factor (Watts units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2970</td>
<td>24 x 48 x 1”</td>
<td>0.20 lbs/SF</td>
<td>0.31 lbs/SF</td>
</tr>
<tr>
<td>2988</td>
<td>24 x 48 x 1”</td>
<td>0.20 lbs/SF</td>
<td>0.20 lbs/SF</td>
</tr>
<tr>
<td>2989</td>
<td>24 x 48 x 1”</td>
<td>0.20 lbs/SF</td>
<td>0.20 lbs/SF</td>
</tr>
</tbody>
</table>

#### PEBBLE (Perforated and Unperforated)

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
<th>R Factor (BTU units)</th>
<th>R Factor (Watts units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2970</td>
<td>24 x 48 x 1”</td>
<td>0.20 lbs/SF</td>
<td>0.31 lbs/SF</td>
</tr>
<tr>
<td>2988</td>
<td>24 x 48 x 1”</td>
<td>0.20 lbs/SF</td>
<td>0.20 lbs/SF</td>
</tr>
<tr>
<td>2989</td>
<td>24 x 48 x 1”</td>
<td>0.20 lbs/SF</td>
<td>0.20 lbs/SF</td>
</tr>
</tbody>
</table>

## 30-Year Performance Guarantee & Warranty

When installed with Armstrong® Suspension System. Details at armstrongceilings.com

## Minimum Order Quantity

1 carton, excludes made-to-order panels.

## Metric Items Available

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
<th>R Factor (BTU units)</th>
<th>R Factor (Watts units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2983M</td>
<td>24 x 48 x 1”</td>
<td>0.20 lbs/SF</td>
<td>0.31 lbs/SF</td>
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<tr>
<td>2970M</td>
<td>24 x 48 x 1”</td>
<td>0.20 lbs/SF</td>
<td>0.20 lbs/SF</td>
</tr>
<tr>
<td>2988M</td>
<td>24 x 48 x 1”</td>
<td>0.20 lbs/SF</td>
<td>0.20 lbs/SF</td>
</tr>
<tr>
<td>2989M</td>
<td>24 x 48 x 1”</td>
<td>0.20 lbs/SF</td>
<td>0.20 lbs/SF</td>
</tr>
<tr>
<td>2968M</td>
<td>24 x 48 x 1”</td>
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## Energy Management

<table>
<thead>
<tr>
<th>Material</th>
<th>CEILINGS.COM/BPC</th>
<th>Ceiling Panels</th>
<th>Perforated Panels</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16”</td>
<td>Prelude®</td>
<td>0.89</td>
<td>-</td>
</tr>
</tbody>
</table>

## Recycled Content

<table>
<thead>
<tr>
<th>Material</th>
<th>CEILINGS.COM/BPC</th>
<th>Ceiling Panels</th>
<th>Perforated Panels</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16”</td>
<td>Prelude®</td>
<td>0.89</td>
<td>-</td>
</tr>
</tbody>
</table>
RANDOM FISSURED™
Square Lay-in
medium texture

Physically:
FIBERGLASS

Random Fissured™ panels with Prelude® XL® 15/16" suspension system (Pgs. 458-459)

This economical panel provides standard-to-good sound absorption with a medium-textured visual.

**KEY SELECTION ATTRIBUTES**
- Excellent sound absorption (perforated options)
- Easy-to-clean, durable surface
- Economical
- 30-Year Limited System Warranty against visible sag, mold, and mildew

**COLOR**
White

**VISUAL SELECTION**

**PERFORMANCE**

<table>
<thead>
<tr>
<th>UL Classified</th>
<th>Acoustics Total + CAC</th>
<th>Fire Performance</th>
<th>Light Reflection</th>
<th>Mold/Mildew Protection</th>
<th>HumiGuard® Plus</th>
<th>Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>RANDOM FISSURED™ (Perforated)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>2908</td>
<td>24 x 24 x 5/8&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>2910</td>
<td>24 x 48 x 5/8&quot;</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

**RANDOM FISSURED (Unperforated)**

<table>
<thead>
<tr>
<th>UL Classified</th>
<th>Acoustics Total + CAC</th>
<th>Fire Performance</th>
<th>Light Reflection</th>
<th>Mold/Mildew Protection</th>
<th>HumiGuard® Plus</th>
<th>Durability</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RANDOM FISSURED™ (Perforated &amp; Unperforated)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>2909</td>
<td>24 x 24 x 5/8&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>2911</td>
<td>24 x 48 x 5/8&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RANDOM FISSURED™ (Perforated) & (Unperforated)**

**Size Capabilities**

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Made-to-Order Sizes (3-4 Wks)</td>
<td></td>
</tr>
<tr>
<td>5/8&quot; Thick</td>
<td></td>
</tr>
<tr>
<td>12&quot; - 30&quot;</td>
<td>12&quot; - 60&quot;</td>
</tr>
</tbody>
</table>

**SUSPENSION SYSTEMS**

15/16" Prelude®

**PHYSICAL DATA**

Material
Fiberglass with vinyl facing

Surface Finish
Scrubbable vinyl film facing (UV protected)

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

ASTM E1264 Classification
2908, 2910 – Type XII, Form 1, Pattern E 2909, 2911 – Type XII, Form 1, Pattern E Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to but not including, standing water and outdoor applications.

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Details
A CAC value of 37 can be achieved by backloading fiberglass products with item 769 or 770.

Insulation Value
R Factor - 2.6 (BTU units) R Factor - 0.46 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

Minimum Order Quantity
1 carton, excludes made-to-order panels

Metric Items Available
Items 2908M, 2910M, 2909M, 2911M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

30-Year Limited System Warranty
Against visible sag, mold, and mildew

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**SHASTA®**
Square Lay-in
medium texture

This economical panel provides sound absorption with a medium-textured, easy-to-clean, durable vinyl surface.

### KEY SELECTION ATTRIBUTES
- Excellent sound absorption (perforated options)
- Easy-to-clean, durable surface
- Economical
- 30-Year Limited System Warranty against visible sag, mold, and mildew

### PERFORMANCE
Dots represent high level of performance.

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Sound Blocking</th>
<th>Mold/Mildew Protection</th>
<th>Mid-Roof Selection</th>
<th>Certified Low VOC Emissions</th>
<th>Scrub Impact</th>
<th>Recycled Content</th>
<th>Recycle Program</th>
<th>30-Yr Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-CAC (N/A)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>SHASTA® (Perforated)</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>2904</td>
<td>24 x 24 x 5/8&quot;</td>
<td>0.70</td>
<td>N/A</td>
<td>Class A</td>
<td>0.72</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>SHASTA® (Unperforated)</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>2905</td>
<td>24 x 24 x 5/8&quot;</td>
<td>0.50</td>
<td>N/A</td>
<td>Class A</td>
<td>0.72</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>SHASTA® (Perforated &amp; Unperforated)</td>
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</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>N/A</td>
<td>24 x 24 x 5/8&quot;</td>
<td>N/A</td>
<td>Class A</td>
<td>0.72</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Add 2-letter color suffix to item number when specifying or ordering (e.g., 2906 BL).

### SUSPENSION SYSTEMS
15/16" Prelude®

### PHYSICAL DATA
**Material**
Fiberglass with vinyl facing

**Surface Finish**
Scrubbable vinyl film facing (UV protected)

**Fire Performance**
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

**ASTM E1264 Classification**
2904, 2906 – Type XII, Form 1, Pattern E
2905, 2907 – Type XII, Form 1, Pattern E
Fire Class A

**Humidity/Sag Resistance**
HumGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to but not including, standing water and outdoor applications.

**Mold/Mildew Protection**
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

**High Recycled Content**
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

**Acoustical Details**
A CAC value of 37 can be achieved by backloading fiberglass products with item 769 or 770.

**Insulation Value**
R Factor - 2.6 (BTU units)
R Factor - 0.46 (Watts units)

**30-Year Performance Guarantee & Warranty**
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

**Weight**
Square Feet/Carton
0.17 lbs/SF; 128 SF/ctn

**Minimum Order Quantity**
1 carton, excludes made-to-order panels

**Metric Items Available**
Items 2904M, 2906M, 2905M, 2907M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.
TYPICAL APPLICATIONS

• Schools
• Healthcare – assists in addressing HIPAA and FGI acoustical requirements
• Libraries/band rooms
• Corridors

KEY SELECTION ATTRIBUTES

• Get total noise control and design flexibility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics® performance
• Excellent sound absorption – products can help comply with ANSI S12.60 classroom guidelines
• Economical
• Non-directional visual reduces scrap and installation time
• 30-Year Limited System Warranty against visible sag, mold, and mildew

This panel is a good choice for classrooms with economical, non-directional ceilings and improved acoustics.

COLOR

White

(White)

DETAILS (Other Suspension Systems compatible. Refer to listing on page 371.)

1. School Zone® Fine Fissured™ Square Lay-in
2. School Zone® Georgian™
3. Fine Fissured™ Square Lay-in with Prelude® 15/16" suspension system
4. School Zone® Georgian™ with Prelude® 15/16" suspension system
### School Zone® FINE FISSURED™ & School Zone® GEORGIAN™

**Square Lay-in medium texture**

#### VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>School Zone® FINE FISSURED™</td>
<td>1</td>
<td>1713</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>1810</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>1714</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>1811</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>School Zone® GEORGIAN™</td>
<td>13</td>
<td>1717</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td></td>
<td>13</td>
<td>1820</td>
<td>24 x 24 x 3/4&quot;</td>
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<td>13</td>
<td>1824</td>
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<td></td>
<td>29, 44, 48, 52, 56</td>
<td>1719</td>
<td>24 x 24 x 3/4&quot;</td>
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<tr>
<td></td>
<td>29, 44, 48, 52, 56</td>
<td>1821</td>
<td>24 x 48 x 3/4&quot;</td>
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</table>

#### PERFORMANCE SELECTION

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<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics*</th>
<th>Fire Performance</th>
<th>Light Reflectance</th>
<th>Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.70 35</td>
<td>BETTER Class A</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.70 40</td>
<td>BETTER Fire Guard™</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.70 40</td>
<td>BETTER Class A</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.70 40</td>
<td>BETTER Fire Guard™</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.70 40</td>
<td>BETTER Class A</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.70 40</td>
<td>BETTER Fire Guard™</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.70 35</td>
<td>BETTER Fire Guard™</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.70 35</td>
<td>BETTER Fire Guard™</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.70 40</td>
<td>BETTER Class A</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.70 40</td>
<td>BETTER Fire Guard™</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.70 35</td>
<td>BETTER Fire Guard™</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.70 35</td>
<td>BETTER Fire Guard™</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.65 35</td>
<td>BETTER Class A</td>
<td>0.86</td>
<td>•</td>
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<tr>
<td>0.65 35</td>
<td>BETTER Class A</td>
<td>0.86</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

1 Total Acoustics* ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. **GOOD** (NRC 0.55-0.65; CAC 35+); **BETTER** (NRC 0.70-0.75; CAC 35+); **BEST** (NRC 0.80+; CAC 35+)*. Light reflectance number for white only.

### SUSPENSION SYSTEMS

- 15/16” Susp. System
  - **Prelude®**
  - **Prelude® XL™ Fire Guard™**

- 9/16” Susp. System
  - **Silhouette® Suprafine® XL™ Fire Guard™**
  - **Silhouette® Suprafine® XL™ Fire Guard™**
  - **Interlude® XL™ HRC**
  - **Sonata® XL™**

### PHYSICAL DATA

<table>
<thead>
<tr>
<th>Material</th>
<th>Wet-formed mineral fiber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Finish</td>
<td>Factory-applied latex paint</td>
</tr>
<tr>
<td>Fire Performance</td>
<td>ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled). Fire Guard: A fire-resistant ceiling when used in compatible UL assemblies (Class A).</td>
</tr>
<tr>
<td>ASTM E1264 Classification</td>
<td>Type II, Form 2, Pattern C-E, Fire Class A</td>
</tr>
<tr>
<td>Humidity/Sag Resistance</td>
<td>HumGuard™ Plus ceiling panels are recommended for areas subject to high humidity. Up to, but not including, standing water and outdoor applications.</td>
</tr>
</tbody>
</table>

### Mold/Mildew Protection

Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

### VOC Emissions

GREENGUARD Gold Certified

### Insulation Value

- **School Zone® Fine Fissured™**: R Factor – 1.5 (BTU units)
- **School Zone® Georgian™**: R Factor – 1.6 (BTU units)
- **Fire Guard™**: R Factor – 0.28 (Watts units)

### 30-Year Performance Guarantee & Warranty

When installed with Armstrong® Suspension System. Details at armstrongceilings.com

### Weight

- **Square Feet/Can**: 1824 – 1.20 lbs/SF; 64 SF/ctn
- **1717, 1719** – 1.25 lbs/SF; 58 SF/ctn
- **1713, 1810, 1820** – 1.31 lbs/SF; 48 SF/ctn
- **1714, 1811** – 1.38 lbs/SF; 40 SF/ctn
- **795** – 1.31 lbs/SF; 48 SF/ctn

### Minimum Order Quantity

1 carton, excludes made-to-order panels

### Metric Items Available

Items 1910M, 1911M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.
These panels offer the look of old-world tin ceilings with low-relief panels in classic designs, an array of standard metallic colors, and sound blocking.

**KEY SELECTION ATTRIBUTES**
- Early 20th century embossed metal look
- Affordable, practical alternative to traditional tin and metal ceilings
- Finely detailed design for upscale look
- High sound-blocking CAC (35)

**NOTE:** Not recommended for areas requiring acoustical performance

**COLORS**
Due to printing limitations, shade may vary from actual product.

- White (WH)
- Faux Coat Pewter (PW)
- Faux Coat Bronze (BZ)
- Silver (SL)
- Copper (CP)

Color finishes available on Tincraft Circles panels only. Colored ceilings are dye-lotted and should be segregated by dye lot. Do not mix.

**FACE VIEWS**
(1/4 of 24 x 24" panel shown)

- Circles
- Squares
- Triangles

**DETAILS**
(Other Suspension Systems compatible. Refer to listing on page 373.)

1. Tincraft™ Circles
2. Tincraft™ Squares
3. Tincraft™ Triangles
4. Tincraft™ Circles with Prelude® 15/16" suspension system
5. Tincraft™ Squares with Suprafine® 9/16" suspension system
6. Tincraft™ Triangles with Suprafine® 9/16" suspension system
**TINCRAFT™ Circles, Squares & Triangles**

**Tegular**

smooth texture

### VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg. No.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot; Flush Tegular</td>
<td>8008</td>
<td>3</td>
<td>24 x 24 x 3/4&quot;</td>
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<tr>
<td>9/16&quot; Flush Tegular</td>
<td>8009</td>
<td>25</td>
<td>24 x 24 x 3/4&quot;</td>
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<tr>
<td>9/16&quot; Flush Tegular</td>
<td>8010</td>
<td>25</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
</tbody>
</table>

- **TINCRAFT™ Circles**
- **TINCRAFT Squares**
- **TINCRAFT Triangles**

1. Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
2. Add 2-letter color suffix to item number when specifying or ordering (e.g., 8008 P W).

### PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>NRC</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Light Reflect (White only)</th>
<th>Mold &amp; Mildew Protection</th>
<th>Sag Resistance</th>
<th>Certified Low VOC Emissions</th>
<th>Durability</th>
<th>Recycled Content</th>
<th>Recycle Program</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>TINCRAFT™ Circles</td>
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<td>Std</td>
<td>Std</td>
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</tr>
<tr>
<td>TINCRAFT Squares</td>
<td>N/A</td>
<td>35</td>
<td>Class A</td>
<td>0.78</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
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<tr>
<td>TINCRAFT Triangles</td>
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<td>35</td>
<td>Class A</td>
<td>0.78</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
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</tr>
</tbody>
</table>

### SUSPENSION SYSTEMS

- **15/16" Prelude®**
- **9/16" Suprafine®**

For coordinating color, specify Prelude® XL® items 7301 main beam, XL7342, XL7328 cross tees, and 7800 wall molding with the appropriate 2-letter color suffix.

### PHYSICAL DATA

- **Material**: Wet-formed mineral fiber
- **Surface Finish**: Factory-applied latex paint
- **Fire Performance**:
  - ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).
- **ASTM E1264 Classification**
  - Type III, Form 2, Pattern J Z (Classic embossed tin ceiling design)
  - Fire Class A
- **Humidity/Sag Resistance**: Standard performance ceiling panels are recommended where the building is enclosed and the HVAC is continuously functioning.

**VOC Emissions**

- GREENGUARD Gold Certified

- **High Recycled Content**
  - Classified as containing greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

- **Insulation Value**
  - Average R Factor – 1.6 (BTU units)
  - Average R Factor – 0.28 (Watts units)

**Performance Guarantee & Warranty**

- 10-year warranty when installed with Armstrong® Suspension System. 1-year warranty on ceiling panel. Details at armstrongceilings.com

**Weight**: Square Feet/Carpton

- 8008 – 0.90 lb/FT², 49 SF/ctn
- 8009, 8010 – 1.23 lb/FT², 32 SF/ctn

**Minimum Order Quantity**: 1 carton

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TUNDRA®
Square Lay-in & Tegular
medium texture

Tundra® durable panels have a medium-textured visual, and are impact- and scratch-resistant.

KEY SELECTION ATTRIBUTES

- Durable
- Impact-resistant
- Scratch-resistant
- 30-Year Limited System Warranty against visible sag, mold, and mildew

COLOR

White (WH)

DETAILS (Other Suspension Systems compatible. Refer to listing on page 375.)

1. Tundra® Beveled Tegular
2. Tundra® with Suprafine® 9/16” suspension system
TUNDRA®
Square Lay-in & Tegular
medium texture

VISUAL SELECTION

PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified</th>
<th>NRC</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Light</th>
<th>Mold/Mildew</th>
<th>Sag Resist</th>
<th>Certifying Low VOC</th>
<th>VOC</th>
<th>Impact</th>
<th>Scratch</th>
<th>Recycled</th>
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</tbody>
</table>

*Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

SUSPENSION SYSTEMS

| 15/16" | Prelude® |
| 9/16"  | Silhouette® 1/4" Reveal |
|        | Silhouette® 1/8" Reveal |
|        | Suprafine® |
|        | Interlude® XL® HRC |

PHYSICAL DATA

Material
Wet-formed, high-density mineral fiber

Surface Finish
Factory-applied latex paint with scuff-resistant spatter coat

Fire Performance
ASTM E84 and CANULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

ASTM E1264 Classification
Type III, Form 2, Pattern C E

Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to but not including, standing water and outdoor applications.

Acoustical Testing
CAC testing conducted using Prelude® XL® suspension system for 15/16" edge detail and Silhouette® suspension system for 9/16" edge detail.

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

Insulation Value
R Factor – 1.7 (BTU units)
R Factor – 0.30 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

Weight; Square Feet/Carton
301, 302, 305 – 1.09 lbs/SF; 64 SF/ctn
303, 304 – 1.10 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton, excludes made-to-order panels.

Metric Items Available
302M, 303M, 305M, 304M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.
ULTIMA®
ULTIMA® High NRC
Square Lay-in
fine texture

A smooth visual ceiling with Total Acoustics® performance, sound absorption, and blocking needed for today’s flexible spaces.

KEY SELECTION ATTRIBUTES
- DesignFlex™ options include shapes and made-to-order sizes available to ship in 3 weeks
- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance
- Ultima® panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- Smooth, clean, durable finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Ceiling-2-Ceiling™ Post-consumer Recycled Content options; Items 1910HRC, 1913HRC. 71% Pre-consumer, 15% Post-consumer
- USDA-Certified Biobased Product – 88%
- Available with AirGuard™ coating – actively removes formaldehyde from indoor air
- Visual coordinates with Optima® panels for mixed (open/closed plan) applications
- Item 1910 available with Create!™ printed images and patterns
- Non-directional visual reduces scrap and installation time
- Compatible with TechZone® Ceiling Systems
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- 10-Year replacement panel available for items 1910, 1913

TYPICAL APPLICATIONS
- Offices – closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and learning
- Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- Classrooms
- Corridors
- Lobbies/reception areas
- Department stores/retail

COLOR

White (WH)

DETAILS

1. Ultima® Square Lay-in
2. Ultima® Square Lay-in with Prelude® 15/16” suspension system
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not for extended lead times and minimum quantities.

**VI S U A L  S E L E C T I O N**

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>ULTIMA® High NRC</td>
<td>1940</td>
<td>1</td>
<td>24 x 24 x 7/8”</td>
<td>1940M, 1943M – Metric items subject to extended lead times and minimum quantities.</td>
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<tr>
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<td>1943</td>
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<tr>
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<td>1432</td>
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<td>24 x 60 x 7/8”</td>
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<tr>
<td></td>
<td>1435</td>
<td>1</td>
<td>24 x 72 x 7/8”</td>
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</tr>
</tbody>
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**P E R F O R M A N C E  S E L E C T I O N**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
<th>UL Classified Acoustics</th>
<th>Total Acoustics® Articulation Class</th>
<th>Fire Classification</th>
<th>Light Reflection</th>
<th>Fire Resistance</th>
<th>Fire Performance</th>
<th>Sag Resistance</th>
<th>Smoke Developed Index (UL labeled)</th>
<th>ASTM E84 and CAN/ULC S102 Surface Burning Fire Performance</th>
<th>Impact</th>
<th>Scratch</th>
<th>Sound</th>
<th>Sound</th>
<th>Durability</th>
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</thead>
<tbody>
<tr>
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<td>170 Class 0.87</td>
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</tr>
<tr>
<td>1943</td>
<td>24 x 48 x 7/8”</td>
<td>0.80 35 BEST</td>
<td>170 Class 0.87</td>
<td>A</td>
<td>0.87</td>
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<tr>
<td>1432</td>
<td>24 x 60 x 7/8”</td>
<td>0.80 35 BEST</td>
<td>170 Class 0.87</td>
<td>A</td>
<td>0.87</td>
<td>0.87</td>
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</tr>
<tr>
<td>1435</td>
<td>24 x 72 x 7/8”</td>
<td>0.80 35 BEST</td>
<td>170 Class 0.87</td>
<td>A</td>
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</tbody>
</table>

**S U S P E N S I O N  S Y S T E M S**

Blizzard White – Suspension System Finish

A color and texture coordinated suspension system to complement Ultima ceiling panels for a monolithic look and feel.

**M I N E R A L  F I B E R**

- Material: Wet-formed mineral fiber with DuraBrite® acoustically transparent membrane
- Surface Finish: DuraBrite scrim with factory-applied latex paint
- Fire Performance: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).
- ACM: Type IV, Form 2, Pattern E Fire Class A
- Humidity/Sag Resistance: HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Mold/Mildew Protection: Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

---

**TechLine 877 276-7876**

armstrongceilings.com/commercial
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

- Class A
- Class A
- Class A
- Class A

1910HRC* 24 x 24 x 3/4" 24 x 24 x 3/4" 0.65 N/A – – Class A 0.90 • • • • • • • •

1913HRC* 24 x 48 x 3/4" 24 x 48 x 3/4" 0.75 35 BETTER – Class A 0.90 • • • • • • • •

1984 24 x 60 x 3/4" N/A N/A – – Class A 0.90 • • • • • • • •

1980 24 x 72 x 3/4" N/A N/A – – Class A 0.90 • • • • • • • •

1910 24 x 24 x 3/4" 24 x 24 x 3/4" N/A N/A – – Class A 0.90 • • • • • • • •

1913 24 x 48 x 3/4" 24 x 48 x 3/4" N/A N/A – – Class A 0.90 • • • • • • • •

1984 24 x 60 x 3/4" N/A N/A – – Class A 0.90 • • • • • • • •

1980 24 x 72 x 3/4" N/A N/A – – Class A 0.90 • • • • • • • •

VOC Emissions
GREENGUARD Gold Certified

Insulation Value
R Factor – 2.2 (BTU units)
R Factor – 0.39 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

Material
Wet-formed mineral fiber with DuraBrite® acoustically transparent membrane.

Surface Finish
DuraBrite scrim with factory-applied latex paint.

Fire Performance
ASTM E84 and CANULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

ASTM E1264 Classification
Type IV, Form 2, Pattern E

Humidity/Sag Resistance
HumGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines. HRC items contain 15% or greater post-consumer recycled ceilings.

Physical Data

<table>
<thead>
<tr>
<th>Size Capabilities</th>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>4&quot; – 5-1/2&quot;</td>
<td>12&quot; – 72&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>6&quot; – 11-1/2&quot;</td>
<td>6&quot; – 72&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>12&quot; – 30&quot;</td>
<td>12&quot; – 72&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>30-1/2&quot; – 48&quot;</td>
<td>6&quot; – 30”</td>
</tr>
</tbody>
</table>

Blizzard White – Suspension System Finish
A color and texture coordinated suspension system to complement Ultima ceiling panels for a monolithic look and feel.
ULTIMA®
ULTIMA® High NRC
Square Lay-in
fine texture

VISUAL SELECTION

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<tr>
<td>ULTIMA® with AirGuard™ Coating</td>
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<tr>
<td></td>
<td>1903</td>
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</tbody>
</table>

UL Classified Acoustics

0.75 35 BETTER – Class A

Durability

- • • • • • • • • • • •

Recycled Content

Recycling Program

UL Classified Acoustics

0.75 35 BETTER – Class A

Durability

- • • • • • • • • • • •

Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

GOOD (NRC 0.60-0.65; CAC 35+) BETTER (NRC 0.70-0.75; CAC 35+) BEST (NRC 0.80+; CAC 35+)

SUSPENSION SYSTEMS

Blizzard White – Suspension System Finish
A color and texture coordinated suspension system to complement Ultima ceiling panels for a monolithic look and feel.

PHYSICAL DATA

Material
Wet-formed mineral fiber with DuraBrite® acoustically transparent membrane

Surface Finish
DuraBrite scrim with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

ASTM E1264 Classification
Type IV, Form 2, Pattern E Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

VOC Emissions
GREENGUARD Gold Certified

Acoustical Performance
CAC testing conducted using Prelude® XL® suspension system.

Primary (Embodied) Energy
See all LCA information on our EPDs.

High Recycled Content
Contains greater than 50% total recycled content.
Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines. HRC items contain 15% or greater post-consumer recycled ceilings.

Insulation Value
R Factor – 2.2 (BTU units)
R Factor – 0.39 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

Weight; Square Feet/Carton
1900, 1903 – 1.08 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

Weight; Square Feet/Carton
1900, 1903 – 1.08 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton

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A smooth visual ceiling with Total Acoustics® performance, sound absorption, and blocking needed for today’s flexible spaces.

**KEY SELECTION ATTRIBUTES**
- DesignFlex™ options include shapes and made-to-order sizes available to ship in 3 weeks
- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance
- Ultima® panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- Smooth, clean, durable finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Excellent sound absorption
- Ceiling-2-Ceiling™ Post-consumer Recycled Content options: items 1911HRC, 1912HRC, 1914HRC, 1915HRC; 71% Pre-consumer; 15% Post-consumer
- USDA-Certified Biobased Product – 88%
- Available with AirGuard™ coating
- Item 1912 available with Create!™ printed images and patterns
- Non-directional visual reduces scrap and installation time
- Compatible with the TechZone® Ceiling Systems
- 30-Year Limited System Warranty against visible sag (excludes items 1905 and 1929), mold, and mildew
- 10-Year replacement panel available for items 1911, 1912, 1914, 1915

**COLOR**
- White (09)

**DETAILS**
1. Ultima® Beveled Tegular
2. Ultima® with Suprafine® 9/16" suspension system
3. Ultima® with Silhouette® XL® 9/16" suspension system with 1/4" reveal

**TYPICAL APPLICATIONS**
- Offices – closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and teaming
- Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- Classrooms
- Corridors
- Lobbies/reception areas
- Department stores/retail
ULTIMA® High NRC

Tegular
fine texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg.</th>
<th>Item No.</th>
<th>Dimensions (inches)</th>
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<tbody>
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<td>Tegular</td>
<td>15</td>
<td>24 x 48 x 7/8&quot;</td>
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<td>Tegular</td>
<td>24 x 60 x 7/8&quot;</td>
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<td>9/16&quot; Beveled Tegular</td>
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<td>1942</td>
<td>24 x 4 x 7/8&quot;</td>
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Size Capabilities

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<tr>
<th>Item No.</th>
<th>Made-to-Order Sizes (3 Wks)</th>
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<tbody>
<tr>
<td>15/16&quot; &amp; 9/16&quot; Beveled Tegular</td>
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<tr>
<td>6&quot; - 11 1/2&quot;</td>
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<tr>
<td>12&quot; - 24 1/2&quot;</td>
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<tr>
<td>25&quot; - 48&quot;</td>
<td></td>
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<tr>
<td>4&quot; - 30&quot;</td>
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</tr>
</tbody>
</table>

Blizzard White – Suspension System Finish
A color and texture coordinated suspension system to complement Ultima ceiling panels for a monolithic look and feel.

PHYSICAL DATA

Material
Wet-formed mineral fiber with DuraBrite® acoustically transparent membrane

Surface Finish
DuraBrite scrum with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled). Fire Guard®. A fire-resistant ceiling when used in applicable UL assemblies (Class A).

ASTM E1264 Classification
Type IV, Form 2, Pattern E, Fire Class A

Humidity/Sag Resistance
HumGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

VOC Emissions
GREENGUARD Gold Certified

Acoustical Performance
CAC testing conducted using Prelude® XL® suspension system for 15/16" edge detail and Silhouette® suspension system for 9/16" edge detail.

Primary (Emended) Energy
See all LCA information on our EPDs.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines. HRC items contain 15% or greater post-consumer recycled ceilings.

Insulation Value
R Factor – 2.3 (BTU units) R Factor – 0.93 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

Minimum Order Quantity
1 carton

Metric Items Available
1941M, 1944M, 1945M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

TechLine 877 276-7876
armstrongceilings.com/commercial
### ULTIMA® ULTIMA® High NRC

**Tegular fine texture**

#### VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg. No.</th>
<th>Dimensions (Inches)</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
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</thead>
<tbody>
<tr>
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<td>1422</td>
<td>6 x 48 x 3/4&quot;</td>
<td>15</td>
<td>1422</td>
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<td>12 x 24 x 3/4&quot;</td>
<td>15</td>
<td>1917</td>
</tr>
<tr>
<td>15/16&quot; Beveled Tegular</td>
<td>1993</td>
<td>12 x 48 x 3/4&quot;</td>
<td>15</td>
<td>1993</td>
</tr>
<tr>
<td>15/16&quot; Beveled Tegular</td>
<td>1994</td>
<td>12 x 60 x 3/4&quot;</td>
<td>15</td>
<td>1994</td>
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<tr>
<td>15/16&quot; Beveled Tegular</td>
<td>1995</td>
<td>12 x 72 x 3/4&quot;</td>
<td>15</td>
<td>1995</td>
</tr>
<tr>
<td>15/16&quot; Beveled Tegular</td>
<td>1911HRC</td>
<td>24 x 24 x 3/4&quot;</td>
<td>15</td>
<td>1911HRC</td>
</tr>
<tr>
<td>15/16&quot; Beveled Tegular</td>
<td>1951</td>
<td>24 x 24 x 3/4&quot;</td>
<td>15</td>
<td>1951</td>
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<td>15/16&quot; Beveled Tegular</td>
<td>1894</td>
<td>24 x 24 x 3/4&quot;</td>
<td>15</td>
<td>1894</td>
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<td>15/16&quot; Beveled Tegular</td>
<td>1914HRC</td>
<td>24 x 48 x 3/4&quot;</td>
<td>15</td>
<td>1914HRC</td>
</tr>
<tr>
<td>15/16&quot; Beveled Tegular</td>
<td>1985</td>
<td>24 x 60 x 3/4&quot;</td>
<td>15</td>
<td>1985</td>
</tr>
<tr>
<td>15/16&quot; Beveled Tegular</td>
<td>1981</td>
<td>24 x 72 x 3/4&quot;</td>
<td>15</td>
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#### PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Sound Management</th>
<th>Installation</th>
<th>Wash</th>
<th>Impact</th>
<th>Scratch</th>
<th>Soil</th>
<th>Recycled Content</th>
<th>Recycle Program</th>
<th>30 Yr Warranty</th>
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<tr>
<td>BETTER Class A</td>
<td>0.90</td>
<td>•</td>
<td>•</td>
<td>•</td>
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<td>•</td>
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</tr>
<tr>
<td>GOOD Class A</td>
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<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
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</tr>
<tr>
<td>BEST Class A</td>
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</tr>
</tbody>
</table>

*Total Acoustics ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

**GOOD** (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)
**VISUAL SELECTION**

<table>
<thead>
<tr>
<th></th>
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<tbody>
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<td>ULTIMA®</td>
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<td>1915</td>
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<td>180 SF/ctn</td>
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<td>29, 44, 48, 52, 56</td>
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<td>29, 44, 48, 52, 56</td>
<td>1905</td>
<td>30 x 30 x 3/4&quot;</td>
<td>0.75 35 BETTER Class A 0.90</td>
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<td></td>
<td>29, 44, 48, 52, 56</td>
<td>1929</td>
<td>30 x 54 x 3/4&quot;</td>
<td>0.75 35 BETTER Class A 0.90</td>
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</table>

**PHYSICAL DATA**

- **Material**: Wet-formed mineral fiber with DuraBrite acoustically transparent membrane
- **Surface Finish**: DuraBrite with factory-applied latex paint
- **Performance**: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).
- **ASTM E84 Classification**: Type IV, Form 2, Pattern E
- **Humidity/Sag Resistance**: Humiguard® Plus ceiling panels are recommended for areas subject to high humidity. Tegular® edge detail has a moisture-resistant core.
- **Mold/Mildew Protection**: Ceiling panels with BioBlock™ performance resist the growth of mold and mildew.
- **Acoustical Performance**: CAC testing conducted using Prelude® XL® suspension system for 15/16" edge detail and Silhouette® suspension system for 9/16" edge detail.
- **Primary (Embodied) Energy**: See all LCA information on our EPDs.
- **High Recycled Content**: Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled per FTC guidelines. HRC items contain 15% or greater post-consumer recycled ceilings.
- **Insulation Value**: R Factor – 2.2 (BTU units) R Factor – 0.39 (Watts units)

ULTRA® High NRC

**PERFORMANCE SELECTION**

- **30-Year Performance Guarantee & Warranty**: When installed with Armstrong Suspension System. Details at armstrongceilings.com
- **Weight, Square Feet/Carret**: 917, 1993 – 1.05 lbs/SF; 24 SF/ctn
- **R Factor**: 2.2 (BTU units) R Factor – 0.39 (Watts units)

**SUPESSION SYSTEMS**

- **Blizzard White – Suspension System Finish**: A color and texture coordinated suspension system to complement Ultima ceiling panels for a monolithic look and feel.
ULTIMA® Vector® fine texture

S U S T A I N®
High Performance Sustainable Ceiling Systems

D E S I G N F l e x™
A New World of Choice for Ceiling Systems

ULTIMA® Vector® panels are great for projects where plenum space is limited and a sleek, modern visual is desired.

KEY SELECTION ATTRIBUTES

- DesignFlex™ options include made-to-order sizes available to ship in 3 weeks
- Smooth, clean, durable finish — Washable, Scratch-resistant, Soil-resistant
- Ultima® Vector® panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- 1/4” reveal resulting in a monolithic appearance (Vector)
- Vector Trim Kit in Blizzard White finish for easy installation and bright visual
- Downward accessible for minimal plenum height (Vector)
- USDA Certified Biobased Product — 88%
- Visual coordinates with Optima® for mixed (open/closed plan) applications
- Item 1920 available with Create!™ printed images and patterns, see pages 302-304
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- 10-Year replacement panel available for item 1920

COLOR

White

DETAILS

1. Ultima® Vector®
2. Ultima® Vector® with Prelude® 15/16” suspension system
ULTIMA®
Vector®
fine texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg. Item No.</th>
<th>Dimensions (Inches)</th>
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</thead>
<tbody>
<tr>
<td>1/4&quot; Reveal</td>
<td>1921 74</td>
<td>12 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td></td>
<td>1920 74</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
</tbody>
</table>

Size Capabilities

- Made-to-Order Sizes (3 Wks)
  - 3/4" Thick
    - 4" – 5-1/2"
    - 12" – 24"
    - 6" – 11-1/2"
    - 6" – 24"
    - 12" – 24"
    - 4" – 48"

VECTOR TRIM KITS

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Length</th>
<th>Color</th>
<th>Substrate</th>
<th>Pcs/Ctn</th>
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<tbody>
<tr>
<td>VETK42W</td>
<td>4&quot;</td>
<td>Blizzard White</td>
<td>Steel</td>
<td>24</td>
</tr>
<tr>
<td>VETK62W</td>
<td>6&quot;</td>
<td>Blizzard White</td>
<td>Steel</td>
<td>24</td>
</tr>
<tr>
<td>VETK424W</td>
<td>24&quot;</td>
<td>Blizzard White</td>
<td>Steel</td>
<td>24</td>
</tr>
<tr>
<td>VETK482W</td>
<td>48&quot;</td>
<td>Blizzard White</td>
<td>Steel</td>
<td>24</td>
</tr>
<tr>
<td>VETK962W</td>
<td>96&quot;</td>
<td>Blizzard White</td>
<td>Steel</td>
<td>24</td>
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ACCESSORIES (must be ordered separately)

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Pcs/Ctn</th>
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<tr>
<td>440A</td>
<td>50</td>
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<tr>
<td>442A</td>
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<td>7425</td>
<td>100</td>
</tr>
<tr>
<td>7445</td>
<td>100</td>
</tr>
<tr>
<td>7870</td>
<td>1,000</td>
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</table>

PHYSICAL DATA

Material: Wet-formed mineral fiber with DuraBrite® acoustically transparent membrane.

Surface Finish: DuraBrite with factory-applied latex paint.

Fire Performance:
- ASTM E84 and CAN/ULC S102 surface burning characteristics, Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).
- ASTM E1264 Classification: Type IV, Form 2, Pattern E File Class A

Humidity/Sag Resistance: HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Mold/Mildew Protection: Ceiling panels with BioBlock® performance resist the growth of mold and mildew.


Acoustical Performance: EMI testing conducted using Prelude® XL® suspension system.

Primary (Embodied) Energy: See all LCA information on our EPDs.

SUSPENSION SYSTEMS

15/16" Prelude® Vector®

ACCESSORIES: 

Vector Border Clip (For all installations)

Vector Hold Down Clip (For all installations)

24" Stabilizer Bar

48" Stabilizer Bar

Spring Border Clip (For installations with the panel resting on the wall molding)

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Smooth-textured Ultima® Health Zone™ panels meet USDA/FSIS guidelines for use in food preparation areas, kitchens, and Clean Room assemblies, is water-repellent, and provides excellent sound absorption and blocking, addressing HIPAA requirements.

KEY SELECTION ATTRIBUTES

- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance
- Ultima® panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- Clean Rooms up to ISO Class 5 (Class 100) (Items 1935 & 1938)
- Exceeds FGI Guidelines for acoustics and cleanliness in general healthcare spaces
- Meets USDA/FSIS guidelines for use in food processing areas
- Long-lasting water-repellency; Washable and Scrubbable
- USDA Certified Biobased Product – 88%
- Smooth, clean, durable finish – Impact-, Scratch-, and Soil-resistant, safe for use with disinfectants
- Excellent sound absorption
- 30-Year Limited System Warranty against visible sag, mold and mildew, and bacterial growth
- Color

COLOR

White

DETAILS

1. Ultima® Health Zone™ Square Lay-in
2. Ultima® Health Zone™ High NRC Square Lay-in panels with Clean Room™ 15/16” suspension system

TYPICAL APPLICATIONS

Clean Rooms (Item 1935)
- Healthcare
- Patient rooms
- Treatment rooms
- Nurses’ stations
- Emergency rooms
- Corridors
- Lavatories and restrooms
- Kitchen/food prep areas
ULTIMA® Health Zone™
ULTIMA® Health Zone™ High NRC
Square Lay-in
fine texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>ULTIMA® Health Zone™ High NRC</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; 1, 6</td>
<td></td>
<td>1445</td>
<td>24 x 24 x 7/8&quot;</td>
</tr>
<tr>
<td>1, 6</td>
<td></td>
<td>1448*</td>
<td>24 x 46 x 7/8&quot;</td>
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<tr>
<td>ULTIMA Health Zone</td>
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<tr>
<td>15/16&quot; 1, 6</td>
<td></td>
<td>1935</td>
<td>24 x 24 x 3/4&quot;</td>
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<td>1, 6</td>
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<td>1938*</td>
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PERFORMANCE SELECTION

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<th>UL Classified Acoustics</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Flame Spread</th>
<th>Damp-Mold</th>
<th>Water Repellency</th>
<th>Scrub Impact</th>
<th>Durability</th>
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<tbody>
<tr>
<td>NRC 0.80+</td>
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<tr>
<td>NRC 0.70-0.75</td>
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<td>Class A</td>
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<td>NRC 0.60-0.65</td>
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<td>GOOD</td>
<td>Class A</td>
<td>0.86</td>
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Size Capabilities

<table>
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<tr>
<th>Width</th>
<th>Length</th>
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<tr>
<td>3/4&quot; or 7/8&quot; Thick</td>
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<tr>
<td>4&quot; – 5-1/2&quot;</td>
<td>12&quot; – 72&quot;</td>
</tr>
<tr>
<td>6&quot; – 11-1/2&quot;</td>
<td>6&quot; – 72&quot;</td>
</tr>
<tr>
<td>12&quot; – 24-1/2&quot;</td>
<td>4&quot; – 72&quot;</td>
</tr>
<tr>
<td>25&quot; – 48&quot;</td>
<td>4&quot; – 30&quot;</td>
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SUSPENSION SYSTEMS

15/16"

PHYSICAL DATA

<table>
<thead>
<tr>
<th>Material</th>
<th>Wet-formed mineral fiber with DuraBrite® acoustically transparent water-repellent membrane</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Finish</td>
<td>DuraBrite with factory-applied latex paint</td>
</tr>
<tr>
<td>Fire Performance</td>
<td>ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).</td>
</tr>
<tr>
<td>ASTM E1264 Classification</td>
<td>Type IV, Form 2, Pattern E Fire Class A</td>
</tr>
<tr>
<td>Humidity/Sag Resistance</td>
<td>HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.</td>
</tr>
<tr>
<td>Mold/Mildew &amp; Bacterial Protection</td>
<td>Health Zone™ ceiling panels with BioBlock® Plus performance resist the growth of mold and mildew, and resist odor- and stain-causing bacterial growth.</td>
</tr>
<tr>
<td>VOC Emissions</td>
<td>GREENGUARD Gold Certified</td>
</tr>
</tbody>
</table>

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Smooth-textured Ultima® Health Zone™ meets USDA/FSIS guidelines for use in food preparation areas, kitchens and Clean Room assemblies, is water-repellent, and provides excellent sound absorption and blocking, addressing HIPAA requirements.

**KEY SELECTION ATTRIBUTES**

- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance
- Ultima® panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- Clean Rooms up to ISO Class 5 (Class 100) (items 1935 & 1937)
- Exceeds FGI Guidelines for acoustics and cleanliness in general healthcare spaces
- Meets USDA/FSIS guidelines for use in food processing areas
- Long-lasting water-repellency; Washable and Scrubbable
- USDA Certified Biobased Product – 88%
- Smooth, clean, durable finish – Impact-, Scratch-, and Soil-resistant, safe for use with disinfectants
- Excellent sound absorption
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth

**TYPICAL APPLICATIONS**

Clean Rooms (item 1937)
- Healthcare:
  - Patient rooms
  - Treatment rooms
  - Nurses’ stations
  - Emergency rooms
  - Corridors
  - Lavatories and restrooms
  - Kitchen/food prep areas

**COLOR**

White (WH)

**DETAILS**

(Other Suspension Systems compatible. Refer to listing on page 389.)

1. Ultima® Health Zone™ High NRC panel with panel Suprafine® 9/16” suspension system
2. Ultima® Health Zone™ High NRC Square Tegular panel with Prelude® XL® 15/16” suspension system
3. Ultima® Health Zone™ High NRC Square Tegular with Interlude® XL® HRC 9/16” suspension system
**ULTIMA® Health Zone™ High NRC**

**TechLine / 1 877 276-7876**

**armstrongceilings.com/commercial**

**BPCS-0147-1018**

**PERFORMANCE SELECTION**

Dots represent high level of performance.

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Insulation</th>
<th>Performance</th>
<th>Light Reflect</th>
<th>Sound Block</th>
<th>Mold &amp; Mildew</th>
<th>Sag Drop</th>
<th>Durability</th>
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<tbody>
<tr>
<td>NRC</td>
<td>CAC</td>
<td>Performance</td>
<td>Light Reflect</td>
<td>Sound Block</td>
<td>Mold &amp; Mildew</td>
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**HUMIDITY/SAG RESISTANCE**

HumiGuard Plus ceiling panels are recommended for areas subject to high humidity, up to but not including, standing water and outdoor applications.

**ACOUSTICAL PERFORMANCE**


**VOC EMISSIONS**

CAC testing conducted using Prelude® XL® suspension system for 15/16” edge profile and Silhouette® XL® 9/16” profile.

**PRIMARY (EMBODIED) ENERGY**

See all LCA information on our EPDs.

**HIGH RECYCLED CONTENT**

Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

**FOAM CONTENT**

UL 2818 Fire Class A

**SUSPENSION SYSTEMS**

- Prelude®
- AL Prelude® Plus XL
- 55 Prelude Plus XL
- Clean Room™ (Steel or Aluminum)
- Silhouette® XL®
- 1/4” Reveal
- Silhouette XL®
- 1/8” Reveal
- Suprafine®
- Interlude® XL® HRC
- Sonata® XL®

**PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL 1474**

**INFORMATION ON OUR EPDS**

Details at armstrongceilings.com

**GREENGUARD Gold Certified**

**30-Year Performance Guarantee & Warranty**

When installed with Armstrong® Suspension System. Details at armstrongceilings.com

**Insulation Value**

- R Factor – 2.2 (BTU units)
- R Factor – 0.39 (Watts units)

**30-Year Performance Guarantee & Warranty**

When installed with Armstrong® Suspension System. Details at armstrongceilings.com

**Cleaning Recommendations**

To clean panel, use a clean, white cloth with water lightly spray surface and wipe clean with a clean, white cloth. Acceptable colorless disinfectants include:

- Sodium hypochlorite
- Quaternary ammonium
- Hydrogen peroxide
- Quaternary ammonium
- Sodium hypochlorite
- Hydrogen peroxide
- Quaternary ammonium

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**PHYSICAL DATA**

**Material**

Wet-formed mineral fiber with DuraBrite® acoustically transparent water-repellent membrane

**Surface Finish**

DuraBrite with factory-applied latex paint

**Fire Performance**

ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

**ASTM E1264 Classification**

Type IV, Form 2, Pattern E Fire Class A

**Humidity/Sag Resistance**

HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

**Mold/Mildew & Bacterial Protection**

Health Zone ceiling panels with BioBlock® Plus performance resist the growth of mold and mildew, and resist odor- and stain-causing bacterial growth.