MINERAL FIBER AND FIBERGLASS
At-a-Glance

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

ARMATUFF®
Pgs. 218

CALLA®
Pgs. 221-222

CANYON®
Pgs. 223-224

CERAMAGUARD®
CERAMAGUARD® Fine Fissured™
Pgs. 225-226

CIRRUS®
CIRRUS® High-NRC
CIRRUS® Second Look®
Pgs. 227-232, 235-236

CLEAN ROOM™ FL
Pgs. 239-240

CLEAN ROOM™ VL
Pgs. 239-240

CORTEGA®
CORTEGA® Second Look®
Pgs. 243-244

DUNE™
DUNE™ Second Look®
Pgs. 249-252

DESIGNER™
Pgs. 248

FISSURED™
FISSURED™ Second Look®
Pgs. 257-260

FISSURED™
Pgs. 262

FISSURED™
High-NRC
Pgs. 263-264

FINE FISSURED™
FINE FISSURED™ Second Look®
Pgs. 255-261

GEORGIAN™
Pgs. 255-261
FastSize™ Ceiling Panels The sizes you need… factory finished… one carton minimums… shipped fast! Available in select Cirrus®, Optima®, Optima® Capz™, and Ultima® panels. See “Item No.” column on product pages for size availability. FastSize, other sizes, and colors not UL Classified for acoustics. HRC products not available in FastSize.

STANDARD MINERAL FIBER CEILINGS (continued)

GEORGIAN™ High Washability

KITCHEN ZONE™

MESA™

FS

Pgs. 263-264

Pgs. 267-268

Pgs. 279-280

School Zone® FINE FISSURED™

School Zone® GEORGIAN™

TUNDRA™

ULTIMA®

ULTIMA® with AirGuard™ Coating

Pgs. 305-306

Pgs. 309-310

Pgs. 311-318

Pgs. 319-320

Pgs. 319-320

Pgs. 321-324

FIBERGLASS

LYRA® with Plant-Based Binder

LYRA® High CAC with Plant-Based Binder

LYRA® Concealed

OPTIMA®

Pgs. 271-276

Pgs. 277-278

Pgs. 287-290

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.

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

Product has AC (Articulation Class) 170 or greater.

High Light Reflectance

Light reflectance average of 0.83 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

HumiGuard® Max

Maximum humidity resistance, including outdoor
applications.

HumiGuard 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 D4826.

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.

Product has Ceiling-2-Ceiling™ post-consumer recycled
content from reclaimed ceilings. Not available in FastSize
or Other Sizes.

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)

Installed cost guidelines. Varies by geography.

Contact your local representative or distributor for
specific pricing in your area. 1 $ = lowest pricing 4 $s = highest
MINERAL FIBER AND FIBERGLASS
At-a-Glance

STANDARD FIBERGLASS CEILINGS

**OPTIMA® with Plant-Based Binder**
- Pgs. 283-290

**OPTIMA® Vector®**
- Pgs. 291-292

**OPTIMA® Concealed**
- Pgs. 293-294

**OPTIMA® Health Zone™**
- Pgs. 295-296

**PAINTED NUBBY™**
- Pgs. 299-300

**PEBBLE™**
- Pgs. 301-302

**RANDOM FISSURED™**
- Pg. 303

**SHASTA®**
- Pg. 304

**OPTIMA® Capz™**

**SPECTRA™ Capz™**
- (featured in Direct-Attach)
- Pgs. 104-106

CUSTOM AND NON-STANDARD OPTIONS

**ALTITUDES® Torsion Spring**
- Pgs. 219-220

**FASTSIZE™ Panels**
- Pg. 253

**OPTIMA® Radial**
- Pgs. 297-298

COFFERS

**METAPHORS®**
- Pgs. 281-282
MINERAL FIBER CEILINGS – DESIGN OPTIONS
At-a-Glance

GEOMETRIC DESIGNS

- GRAPHIS® Finetex™ Cubic
  - Pgs. 265-266
- GRAPHIS® Finetex™ NeoCubic™
  - Pgs. 265-266
- GRAPHIS® Finetex™ Wrapped Linear™
  - Pgs. 265-266
- GRAPHIS® Rustex™ Cubic Beveled
  - Pgs. 265-266
- GRAPHIS® Rustex™ Linear Beveled
  - Pgs. 265-266

TIN LOOKS

- TINRAFT™ Circles with Faux Coat Finish
  - Pgs. 307-308
- TINRAFT™ Squares™
  - Pgs. 307-308
- TINRAFT™ Triangles™
  - Pgs. 307-308
- LEDGES®
  - Pgs. 269-270

ETCHED DESIGNS

- CIRRUS® Themes™ Critters™
  - Pgs. 237-238
- CIRRUS® Themes™ Leaves™
  - Pgs. 237-238
- CIRRUS® Themes™ Stars™
  - Pgs. 237-238
- CIRRUS® Themes™ Things That Fly™
  - Pgs. 237-238
- CIRRUS® Themes™ Under the Sea™
  - Pgs. 237-238

SCORED DESIGNS

- Second Look® I – CIRRUS®, CORTEGA®, DUNE™, and FINE FISSURED™
  - Pgs. 235-236, 243-244, 251-252, 261
- Second Look® II – CIRRUS®, CORTEGA®, DUNE™, FINE FISSURED™, and MESA™
  - Pgs. 235-236, 243-244, 251-252, 261
- Second Look® III – CIRRUS®, FINE FISSURED™
  - Pgs. 235-236, 261
MINERAL FIBER CEILINGS – PRINTED OR PAINTED COLORS AND IMAGES

At-a-Glance

CREATE!™ PRINTED IMAGES

WOOD LOOKS

ULTIMA® Health Zone™ Create!™
Pgs. 321-324

PRINTED IMAGES

ULTIMA® Create!™,
ULTIMA Health Zone™ Create!™
and OPTIMA® Create!™
Pgs. 245-247

CALLA® COLORATIONS® PAINTED FINISHES

14 Standard Colors (see below) Custom

Custom colors also available on Lyra PB products

COLORATIONS® INTEGRATED COLOR – PANELS, SUSPENSION SYSTEMS, AND TRIM

Look for Colorations standard colors translated on SoundScapes® Canopies, SoundScapes® Shapes, SoundScapes® Blades™, and Infusions® Accent Canopies.

COLORATIONS® COLORS

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

[Color swatches and descriptions]
**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>ARMATUFF®</td>
<td>Pgs. 407-411</td>
<td>861</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>860</td>
<td>24 x 48 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>1 Other Size Panels</td>
<td></td>
<td></td>
<td>W: 6” – 30” / L: 12” – 50”</td>
</tr>
</tbody>
</table>

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

**Performance Selection**

A coarse-textured visual strong enough to withstand impact from non-deliberate contact.

**Key Selection Attributes**

- Durable
- Impact-resistant
- Scratch-resistant
- Can be installed before building is enclosed
- 30-Year Limited System Warranty against visible sag, mold, and mildew

**Typical Applications**

- Corridors
- Locker rooms
- Auditoriums
- Gymnasiums
- Cafeterias/multipurpose rooms

ARMATUFF® damage-resistant panels will withstand impact from non-deliberate contact with volleyballs and basketballs normally found in gymnasium activities. The Retention Clips allow the panels to deflect slightly, absorbing the force of the impact, while still providing a mechanism to prevent the panels from being dislodged from the suspension system.

**Color**

- White

**Suspension Systems**

15/16”

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>861</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td>860</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>Other Size Panels</td>
<td>W: 6” – 30” / L: 12” – 50”</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 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.
- 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
  - 860 – 1.13 lbs/SF; 64 SF/ctn
  - 861 – 1.23 lbs/SF; 64 SF/ctn
- Minimum Order Quantity: 1 carton, excludes other size panels
- Metric Items Available:
  - 860M, 861M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

**Recycled Content**

Calculate LEED contribution at armstrongceilings.com/greenegeine

**Certified Low VOC Emissions**

- Anti-Mold & Mildew
- HumiGuard®
- Durability

**30-Yr Warranty**

<table>
<thead>
<tr>
<th>NRC</th>
<th>Acoustics</th>
<th>Total</th>
<th>Fire</th>
<th>Reflect</th>
<th>Impact</th>
<th>Scratch</th>
<th>Recycled</th>
<th>Recycle Program</th>
<th>30-Yr Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.50</td>
<td>33</td>
<td>–</td>
<td>Class A</td>
<td>0.87</td>
<td>•</td>
<td>•</td>
<td>–</td>
<td>•</td>
<td>Std</td>
</tr>
<tr>
<td>0.50</td>
<td>35</td>
<td>–</td>
<td>Class A</td>
<td>0.87</td>
<td>•</td>
<td>•</td>
<td>–</td>
<td>•</td>
<td>Std</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>–</td>
<td>Class A</td>
<td>0.87</td>
<td>•</td>
<td>•</td>
<td>–</td>
<td>•</td>
<td>Std</td>
</tr>
</tbody>
</table>

**Typical Applications**

- Cafeteriums/multipurpose rooms
- Gyms
- Auditoriums
- Locker rooms
- Cafeterias/multipurpose rooms

**Manufacturer**

Armstrong World Industries

© 2016-2017 AWI Licensing LLC   Printed in the United States of America
ALTITUDE® 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

• Transportation
• Office
• Lobby areas
• Auditoriums

* Two opposite sides of panel must be straight

TYPICAL APPLICATIONS

KEY SELECTION ATTRIBUTES

COLOR SELECTION

CUSTOM FINISHES

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

Choose colors from Sherwin-Williams® Duration® or Harmony® flat interior paint families. When ordering, use Sherwin-Williams 4-digit color code (SW _ _ _ _)

Made-to-order Sherwin-Williams®
Colors Available

DETAILS

armstrongceilings.com/capabilities
See more photos at: armstrongceilings.com/photogallery
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 50 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.

LEED® is a registered trademark of the U.S. Green Building Council
Sherwin-Williams®, Duration®, and Harmony® are registered trademarks of The Sherwin-Williams Company. All other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates.
© 2016-2017 AWI Licensing LLC Printed in the United States of America
CALLA®
Square Lay-in, Tegular
smooth texture

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 design flexibility 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
- Available in 14 standard Colorations® colors with coordinating suspension systems and trim. Made-to-order Sherwin-Williams® colors available
- Excellent combination of acoustical performance; NRC (0.85), AC (170), and CAC (35) (White only)
- 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 (White only)
- 30-Year Limited System Warranty against visible sag, mold, and mildew

TYPICAL APPLICATIONS

- Offices – closed spaces for privacy and focus; 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

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

White (WH)
Shell (SH)
Pale Lemon (LM)
Pecan (PC)
Sky (SK)
Moss (MS)
Stone (SE)
Reef (RE)
Lagoon (LA)
Plum (PM)
Cranberry (CN)
Kiw (KW)
Tangerine (TG)
Black (BK)

Made-to-order Sherwin-Williams® Colors Available

* Colorations colors are not included in the Sustain™ portfolio

DETAILS (Other Suspension Systems compatible. Refer to listing on page 222.)

1. Calla® Square Tegular
2. Calla Square Lay-in
3. Calla Square Tegular with Suprafine 9/16" suspension system

armstrongceilings.com/commercial
CALLA®
Square Lay-in, Tegular
smooth texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CALLA® Square Lay-in</td>
<td>1 2820</td>
<td>24 x 24 x 1”</td>
</tr>
<tr>
<td>CALLA® Tegular</td>
<td>8 2822</td>
<td>24 x 24 x 1”</td>
</tr>
<tr>
<td>9/16” Square Lay-in</td>
<td>1 2821</td>
<td>24 x 48 x 1”</td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>8 2823</td>
<td>24 x 48 x 1”</td>
</tr>
<tr>
<td>CALLA® Tegular</td>
<td>15/16” 8 2824</td>
<td>24 x 24 x 1”</td>
</tr>
<tr>
<td>CALLA® Tegular</td>
<td>9/16” 43, 47, 26, 51, 55 2825</td>
<td>24 x 48 x 1”</td>
</tr>
<tr>
<td>CALLA® Tegular</td>
<td>15/16” 43, 47, 26, 51, 55 2826</td>
<td>24 x 48 x 1”</td>
</tr>
<tr>
<td>CALLA® Tegular</td>
<td>9/16” 43, 47, 26, 51, 55</td>
<td>24 x 24 x 1”</td>
</tr>
</tbody>
</table>

PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics</th>
<th>Acoustical Class</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Stain Resistance</th>
<th>Light Low Light Diffusion</th>
<th>VOC Emissions</th>
<th>Washability</th>
<th>Impact</th>
<th>Scratch</th>
<th>Soil</th>
<th>Recycled Content</th>
<th>30-Yr. Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.85 35</td>
<td>BEST</td>
<td>170</td>
<td>Class A</td>
<td>0.86</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.85 35</td>
<td>BEST</td>
<td>170</td>
<td>Class A</td>
<td>0.86</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.85 35</td>
<td>BEST</td>
<td>170</td>
<td>Class A</td>
<td>0.86</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.85 35</td>
<td>BEST</td>
<td>170</td>
<td>Class A</td>
<td>0.86</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.85 35</td>
<td>BEST</td>
<td>170</td>
<td>Class A</td>
<td>0.86</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.85 35</td>
<td>BEST</td>
<td>170</td>
<td>Class A</td>
<td>0.86</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.85 35</td>
<td>BEST</td>
<td>170</td>
<td>Class A</td>
<td>0.86</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N/A N/A – N/A Class A</td>
<td>0.86</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</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.  

2 GOOD (NRC 0.60-0.65; CAC 35+)  BETTER (NRC 0.70-0.75; CAC 35+)  BEST (NRC 0.80+; CAC 35+)

3 Available in CallasCubic® standard colors. When specifying Calla Colors panels, add the 2-letter suffix to the end of the item number (e.g., 2824AB – Lagoon)

4 Colors are not included in the Sustain™ portfolio

SUSPENSION SYSTEMS

| 15/16” | Prelude® XL® |
| 9/16” | Silhouette® XL® 1/4” Reveal |
| 9/16” | Suprafine® |
| 9/16” | Interlude® XL® HRC |
| 9/16” | Sonata® XL® |

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

VOC Emissions  

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

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.

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

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

TechLine / 1 877 276-7876  
armstrongceilings.com/commercial  
(search: calla)  
BPCS-4722-517

© 2016-2017 AWI Licensing LLC  
LEED® is a registered trademark of the U.S. Green Building Council  
Sherwin-Williams® is a registered trademark of The Sherwin-Williams Company. 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 AMI Licensing LLC and/or its affiliates  
© 2016-2017 AMI Licensing LLC. Printed in the United States of America  
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.
Smooth finish, mineral fiber ceiling panel with Total Acoustics® performance.

KEY SELECTION ATTRIBUTES
- Get total noise control and design flexibility 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

TYPICAL APPLICATIONS
- Offices/conference rooms
- Lobbies/reception areas
- Computer rooms
- Auditoriums

COLORS
- White (WH)

DETAILS
(Other Suspension Systems compatible. Refer to listing on page 224.)
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. No.</th>
<th>Item</th>
<th>Dimensions (Inches)</th>
<th>CANYON® Square Lay-in &amp; Tegular</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>1490</td>
<td>24 x 24 x 5/8&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Beveled Tegular</td>
<td>1492</td>
<td>24 x 24 x 5/8&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>1494</td>
<td>24 x 24 x 5/8&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>1495</td>
<td>24 x 24 x 5/8&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Slag 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>C</td>
<td>0.60</td>
<td>35</td>
<td>GOOD</td>
<td>Class A</td>
<td>0.80</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>Std</td>
<td>•</td>
</tr>
<tr>
<td>C</td>
<td>0.60</td>
<td>35</td>
<td>GOOD</td>
<td>Class A</td>
<td>0.80</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>Std</td>
<td>•</td>
</tr>
<tr>
<td>C</td>
<td>0.60</td>
<td>35</td>
<td>GOOD</td>
<td>Class A</td>
<td>0.80</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>Std</td>
<td>•</td>
</tr>
<tr>
<td>C</td>
<td>0.60</td>
<td>35</td>
<td>GOOD</td>
<td>Class A</td>
<td>0.80</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>Std</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+)

### SUSPENSION SYSTEMS

- 15/16" Prelude® XL®
- 9/16" Silhouette XL®
- 9/16" Suprafine®
- 1/4" Reveal
- 1/8" Reveal
- Interlude® XL® HRC
- Sonata® XL®

### 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
- **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**: CAC 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/greengenie

- **Weight**: 0.76 lbs/SF; 64 SF/ctn
- **Minimum Order Quantity**: 1 carton
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, Scrubbable, 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
CERAMAGUARD®/CERAMAGUARD® FINE FISSURED™
Square Lay-in
medium texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CERAMAGUARD® – Unperforated*</td>
<td>15/16” Square Lay-in</td>
<td>605*</td>
<td>24 x 48 x 5/8”</td>
</tr>
<tr>
<td>CERAMAGUARD® FINE FISSURED™ – Perforated</td>
<td>15/16” Square Lay-in</td>
<td>607</td>
<td>24 x 24 x 5/8”</td>
</tr>
<tr>
<td></td>
<td></td>
<td>608</td>
<td>24 x 48 x 5/8”</td>
</tr>
</tbody>
</table>

PERFORMANCE SELECTION

|-------------------|----------------|-----------------|------------------|------|------------------|------------|--------------------------|------|---------|-------------------|----------------|--------------|-----------|-------------|------------------|----------------------------------------------------------| | |
| CERAMAGUARD® – Unperforated* | 15/16” Square Lay-in | 605* | 0.55 38 | – | Fire Guard* | 0.82 | – | | | | | | |
| CERAMAGUARD® FINE FISSURED™ – Perforated | 15/16” Square Lay-in | 607 | 0.55 40 | – | Fire Guard | 0.82 | – | | | | | | |

* 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.

SUSPENSION SYSTEMS

15/16”

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-resilient ceiling when used in applicable UL assemblies (Class A).

ASTM E1264 Classification
Type XX (high density ceramic-like composition with scrubbable finish).

Pattern 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

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 E119 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

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.

TechLine / 1 877 276-7876
armstrongceilings.com/commercial
(search: ceramaguard)
BPCS-3224-517

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
© 2016-2017 AWI Licensing LLC Printed in the United States of America
This medium-textured ceiling panel offers Total Acoustics® performance, excellent sound absorption, and blocking in one product.

**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
- 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%

**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
- Lobbies
- Public spaces/areas
- Department stores/retail

**COLOR**

- White (WH)

**DETAILS**

1. Cirrus® Square Lay-in
2. Cirrus Square Lay-in with Prelude® 15/16” suspension system
### VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CIRRUS® High NRC</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>1</td>
<td>563</td>
<td>24 x 24 x 7/8&quot;</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>565</td>
<td>24 x 48 x 7/8&quot;</td>
</tr>
<tr>
<td><strong>CIRRUS® Square Lay-in</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>1</td>
<td>574</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>533</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>FS</td>
<td>W: 4&quot; - 24&quot; / L: 4&quot; - 48&quot;</td>
</tr>
</tbody>
</table>

**PERFORMANCE SELECTION**

- **CIRRUS® High NRC**

<table>
<thead>
<tr>
<th>Ul Acoustics</th>
<th>Total Acoustics</th>
<th>Articulation</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Acoustical &amp; Moisture</th>
<th>Sag Resistance</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>0.75 35</td>
<td>BETTER</td>
<td>170</td>
<td>Class A</td>
<td>0.85</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
</tr>
<tr>
<td>0.75 35</td>
<td>BETTER</td>
<td>170</td>
<td>Class A</td>
<td>0.85</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
</tr>
<tr>
<td>N/A N/A</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
</tr>
<tr>
<td>0.70 35</td>
<td>BETTER</td>
<td>—</td>
<td>Class A</td>
<td>0.86</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
</tr>
<tr>
<td>0.70 35</td>
<td>BETTER</td>
<td>—</td>
<td>Class A</td>
<td>0.86</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
</tr>
<tr>
<td>N/A N/A</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
</tr>
</tbody>
</table>

**SUSPENSION SYSTEMS**

| Edge Profile | | |
|--------------|| |
| 15/16" | | |
| Prelude® | | |

### 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. Excludes items 533, 533HR, 565, and large sizes.

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

**VOC Emissions**

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

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

**Weight; Square Feet/Carton**
- 533M, 533 – 1.21 lbs/SF; 48 SF/carton
- 563 – 1.33 lbs/SF; 48 SF/carton

**Minimum Order Quantity**
- 1 carton

**Metric Items Available**
- 574M, 533M, 563M, 565M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

---

**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.
© 2016-2017 AWI Licensing LLC Printed in the United States of America
CIRRUS®
CIRRUS® High NRC
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
- 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
- Refined visual
- Excellent combination of acoustical performance: NRC (up to 0.75) and CAC (25)
- 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%

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
- Conference rooms
- Lobbies
- Libraries/media centers
- Computer rooms

COLORS
- White (WH)
- Cream (CR)
- Haze (HA)
- Camel (CM)
- Platinum (PL)
- 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 214, 216.)
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
### 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® High NRC</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td>13</td>
<td>556</td>
<td>24 x 24 x 7/8&quot;</td>
</tr>
<tr>
<td></td>
<td>13</td>
<td>551</td>
<td>24 x 48 x 7/8&quot;</td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>29, 44, 52, 56</td>
<td>558</td>
<td>24 x 24 x 7/8&quot;</td>
</tr>
<tr>
<td></td>
<td>29, 44, 52, 56</td>
<td>568</td>
<td>24 x 48 x 7/8&quot;</td>
</tr>
<tr>
<td>Other Size Panels</td>
<td></td>
<td>W: 4&quot; - 24&quot; / L: 4&quot; - 48&quot; / 7/8&quot; thick</td>
<td></td>
</tr>
</tbody>
</table>

### PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics</th>
<th>Articulation Class</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Sag Resist</th>
<th>Certified Low VOC Emissions</th>
<th>Durability</th>
<th>Recycled Content</th>
<th>Recycled Program</th>
<th>30-Yr Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CIRRUS® High NRC</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.75</td>
<td>35</td>
<td>BETTER</td>
<td>Class A</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>•</td>
<td>•</td>
<td>10-Yr</td>
<td></td>
</tr>
<tr>
<td>0.75</td>
<td>35</td>
<td>BETTER</td>
<td>Class A</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>•</td>
<td>•</td>
<td>10-Yr</td>
<td></td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>–</td>
<td>N/A</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>Std</td>
<td>•</td>
<td>10-Yr</td>
<td></td>
</tr>
<tr>
<td>0.75</td>
<td>35</td>
<td>BETTER</td>
<td>Class A</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>•</td>
<td>•</td>
<td>10-Yr</td>
<td></td>
</tr>
<tr>
<td>0.75</td>
<td>35</td>
<td>BETTER</td>
<td>Class A</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>•</td>
<td>•</td>
<td>10-Yr</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+)

### SUSPENSION SYSTEMS

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

### 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 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.
- **Acoustical Performance**: CAC 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.

**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 © 2016-2017 AWI Licensing LLC Printed in the United States of America
## VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CIRRUS® Tegular</td>
<td>407-411</td>
<td>589 **</td>
<td>24 x 24 x 3/4&quot; / 600 x 600 x 19mm</td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>29, 44, 52, 56</td>
<td>577</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>29, 44, 52, 56</td>
<td>538</td>
<td>24 x 24 x 7/8&quot;</td>
</tr>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td>13</td>
<td>584 **</td>
<td>24 x 24 x 3/4&quot; / 600 x 600 x 19mm</td>
</tr>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td>13</td>
<td>578</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td>13</td>
<td>534</td>
<td>24 x 24 x 7/8&quot;</td>
</tr>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td>13</td>
<td>535</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
</tbody>
</table>

### PERFORMANCE SELECTION

**Dots represent high level of performance.**

#### UL Classified Acoustics

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Durability</th>
<th>Recycled Content</th>
<th>Recycle Program</th>
<th>30-Yr Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.70 35 BETTER – Class A</td>
<td>0.86*</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.70 38 BETTER – Class A</td>
<td>0.86</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.35 35 – –</td>
<td>Fire Guard</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.70 35 BETTER – Class A</td>
<td>0.86</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.35 35 – –</td>
<td>Fire Guard</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N/A N/A – N/A</td>
<td>Class A</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N/A N/A – N/A</td>
<td>Class A</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
<td></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.
- **FastSize:** Factory-finished, made-to-order sizes, shipped fast (1 carton min.)
- **Good** (NRC 0.60–0.65; CAC 35+) BETTER (NRC 0.70–0.75; CAC 35+) BEST (NRC 0.80+; CAC 35+)
- **While only**
- **Add 2-letter color suffix to item number when specifying or ordering (e.g., 589 C BI).
- **HRC** items not available in FastSize panels or other sizes.

---

**Declare® SUSTAIN® High Performance Sustainable Ceiling Systems**

**Sustainability CEILING & WALL SOLUTIONS**

TechLine 877 276-7876
armstrongceilings.com/commercial
## Visual Selection

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Pgs.</th>
<th>Item</th>
<th>Dimensions (Inches)</th>
<th>UL Classified Acoustics</th>
<th>Total Acoustics Class</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Slip Resistant</th>
<th>Certified Low VOC Emisions</th>
<th>Durability</th>
<th>Recycled Content</th>
<th>Recycled Program</th>
<th>30-Year Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIRRUS® High CAC</td>
<td>407-411</td>
<td>572</td>
<td>24 x 24 x 7/8&quot;</td>
<td>Better – Class A</td>
<td>0.86</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td></td>
<td>13</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>29, 44, 48, 52, 56</td>
<td>576</td>
<td>24 x 24 x 7/8&quot;</td>
<td>Better – Class A</td>
<td>0.86</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>29, 44, 48, 52, 56</td>
<td>583</td>
<td>24 x 48 x 7/8&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13 FastSize Panels</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Class A</td>
<td>0.86</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</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. GOOD (NRC 0.60-0.65; CAC 35+) BETTER (NRC 0.70-0.75; CAC 35+) BEST (NRC 0.80+; CAC 35+)

HRC Items not available in FastSize panels or other sizes.

## Suspension Systems

<table>
<thead>
<tr>
<th>15/16&quot;</th>
<th>9/16&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prelude®</td>
<td>Prelude® XL® Fire Guard™</td>
</tr>
<tr>
<td>Silhouette® 1/4&quot; Reveal</td>
<td>Silhouette® 1/8&quot; Reveal</td>
</tr>
<tr>
<td>Supraline® XL®</td>
<td>Supraline® 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 S1012 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

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

## VOC Emissions


## Acoustical Performance

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

## Primary (Embodied) Energy

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

## High Recycled Content

- **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

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

- **58.4M, 58.7M, 53.4M, 57.2M, 58.1M, 53.9M, 58.9M, 53.8M, 57.7M, 58.3M, 53.9M**: Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.
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: \( \text{NRC} + \text{CAC} = \text{Total Acoustics® performance} \)
- 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%

**TYPICAL APPLICATIONS**
- Offices — closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and teaming
- Lobbies/reception areas
- Public spaces/areas

**COLOR**
- White (WH)

**DETAILS**
(Other Suspension Systems compatible. Refer to listing on page 234.)
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. Deg.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIRRUS® Profiles Chamfered*</td>
<td>15/16” Tegular</td>
<td>628</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td></td>
<td>9/16” Tegular</td>
<td>557</td>
<td>24 x 24 x 3/4”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Deg.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIRRUS® Profiles Beveled</td>
<td>9/16” Tegular</td>
<td>590</td>
<td>24 x 24 x 3/4”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Deg.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIRRUS® Profiles Classic Step™</td>
<td>15/16” Tegular</td>
<td>626</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td></td>
<td>18” Tegular</td>
<td>591</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td></td>
<td>9/16” Tegular</td>
<td>591</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td></td>
<td>32” Tegular</td>
<td>585</td>
<td>24 x 24 x 3/4”</td>
</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+)

* Ceiling design copyrighted by AWI Licensing Co.

### SUSPENSION SYSTEMS

| 15/16” | Prelude® Chamfered | Prelude Classic Step | 9/16” | Suprafine® Chamfered | Suprafine Beveled | Suprafine Classic Step |

#### 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**: 557, 591, 628 – Type III, Form 1; Pattern E I 585, 590, 626 – Type III, Form 1; Pattern E I 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 and outdoor applications. Excludes items 585, 590, 626.

- **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.
- **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®

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

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

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

#### Weight; Square Feet/Carton
- 590, 591 – 1.06 lbs/SF; 48 SF/ctn
- 557, 585, 626, 628 – 1.17 lbs/SF; 48 SF/ctn

#### Minimum Order Quantity
1 carton

#### Metric Items Available
- 628M, 557M, 591M, 626M, and 585M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

---

TechLine / 1 877 276-7876 armstrongceilings.com/commercial (search: cirrus) BPCS-4016-517
CIRRUS® Second Look®
Scored Tegular
medium texture

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

TYPICAL APPLICATIONS
- Offices – closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and teaming
- Healthcare – assists in addressing HIPAA, HCAHPS, and FBI acoustical requirements
- Lobbies/reception areas
- Department stores/retail

COLOR
- White (WH)

DETAILS
(Other Suspension Systems compatible. Refer to listing on page 236)
1. Cirrus® Second Look III
2. Cirrus® Second Look III with Suprafine® 9/16” suspension system

See more photos at: armstrongceilings.com/photogallery
SEARCH: cirrus
CIRRUS® Second Look®
Scored Tegular
medium texture

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot; Beveled Tegular</td>
<td>14</td>
<td>512 24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>28</td>
<td>510 24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16&quot; Beveled Tegular</td>
<td>14</td>
<td>513 24 x 48 x 3/4&quot;</td>
</tr>
</tbody>
</table>

**PERFORMANCE SELECTION**

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustic</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Skid 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>0.65 35 GOOD Class A</td>
<td>0.85</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
</tr>
<tr>
<td>0.65 35 GOOD Class A</td>
<td>0.85</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>10-Yr</td>
</tr>
<tr>
<td>0.65 35 GOOD Class A</td>
<td>0.85</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</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 0.70-0.75; CAC 35+), BEST (NRC 0.80+; CAC 35+)

**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 1, Pattern E I K
- 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: Ceiling panels with Bio-Block® 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: R Factor – 1.9 (BTU units)
- 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
- Weight: Square Feet/Carton 1.99 lbs/ST, 48 SF/ctn
- Minimum Order Quantity: 1 carton

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 ARM Ceilings LLC and/or its affiliates. © 2016-2017 ARM Ceilings LLC Printed in the United States of America
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%

TYPICAL APPLICATIONS
- Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- Pediatric areas
- Lobbies/reception areas
- Specialty shops/stores
- Playful theme interiors

COLOR

White

Cirrus® Themes™ Critters™ panels with Suprafine® 9/16” suspension system (Pgs. 400-401)

Cirrus® Themes™ Stars™ panels with Suprafine 9/16” suspension system (Pgs. 400-401)

Cirrus® Themes™ Leaves™ panels with Suprafine 9/16” suspension system (Pgs. 400-401)

Cirrus® Themes™ Things That Fly™ panels with Suprafine 9/16” suspension system (Pgs. 400-401)

Cirrus® Themes™ Under the Sea™ panels with Suprafine 9/16” suspension system (Pgs. 400-401)
# CIRRUS® Themes™

**Critters™, Leaves™, Stars™, Things That Fly™ & Under the Sea™ – Tegular**

## medium texture

### VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></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>

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

### CIRRUS® Themes™

<table>
<thead>
<tr>
<th>Theme</th>
<th>Pattern</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Critters</td>
<td>S500</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td>Leaves</td>
<td>S600</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td>Stars</td>
<td>S450</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td>Things That Fly</td>
<td>S700</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td>Under the Sea</td>
<td>S800</td>
<td>24 x 24 x 3/4”</td>
</tr>
</tbody>
</table>

### SUSPENSION SYSTEMS

- **15/16”**
  - Prelude®
  - Silhouette® 1/4” Reveal
  - Silhouette® 1/8” Reveal
  - Suprafine®
  - Interlude® XL® HRC
  - Sonata® XL®

### 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 I K Z (scorched multi-pattern finish) S295, S299 – 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

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.

### Insulation Value

- R Factor – 1.9 (BTU units)
- R Factor – 0.33 (Watts units)

### Warranty

Details at armstrongceilings.com

### Weight

- 1 carton

---

**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 © 2016-2017 AWI Licensing LLC Printed in the United States of America
Clean Room™ panels meet guidelines for controlled environments and USDA/FSIS guidelines.

**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

**TYPICAL APPLICATIONS**
- Clean Room FL, Clean Room VL
  - 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) (Clean Room VL & VL)
- White with Gray Scatter (Clean Room FL)

**DETAILS**
(Other Suspension Systems compatible. Refer to listing on page 240.)

1. Clean Room FL
2. Clean Room VL
3. VL
4. Clean Room FL with 15/16" suspension system
5. Clean Room VL with 1-1/2" suspension system
### CLEAN ROOM™ FL / CLEAN ROOM™ VL & VL

Square Lay-in & Tegular smooth 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>Clean Room™ FL Field Panel</td>
<td>15/16&quot; or 1, 6, 7</td>
<td>1715</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td>Clean Room™ FL Border Panel</td>
<td>15/16&quot; or 1, 6, 7</td>
<td>1720</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td>Clean Room™ VL Unperforated</td>
<td>15/16&quot; or 1, 6, 7</td>
<td>868</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td>VL Perforated (Not for Clean Rooms)</td>
<td>15/16&quot; or 1, 6, 7</td>
<td>869</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
</tbody>
</table>

#### PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>NRC</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Light</th>
<th>Sound</th>
<th>Acoustical Mold &amp; Mildew</th>
<th>Sag</th>
<th>Resist</th>
<th>Certified Low VOC Emissions</th>
<th>Water-Resistant</th>
<th>Washable</th>
<th>Scrub</th>
<th>Impact</th>
<th>Scratch</th>
<th>Soil</th>
<th>Recycled Content</th>
<th>Recycled Product</th>
<th>30-Yr Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.55 35 – Class A</td>
<td>0.79</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.55 35 – Class A</td>
<td>0.79</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N/A 35 – Class A</td>
<td>0.79</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N/A 35 – Class A</td>
<td>0.79</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N/A N/A – Class A</td>
<td>0.79</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N/A 40 – Fire Guard™</td>
<td>0.80</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N/A 40 – Fire Guard™</td>
<td>0.80</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.55 35 – Fire Guard</td>
<td>0.78</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.55 35 – Fire Guard</td>
<td>0.78</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### PHYSICAL DATA

| Material | Wet-formed mineral fiber |
| Surface Finish | 1715, 1716, 1720, 1721 – Soil-resistant polyester film 868, 869, 867, 871 – Vinyl-faced membrane |
| 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-resilient ceiling when used in applicable UL assemblies (Class A). |
| ASTM E1264 Classification | 1715, 1716, 1720, 1721 – Type IV, Form 2, Pattern G H 868, 870, 869, 871 – Type IV, Form 2, Pattern E 868, 870, 869, 871 – Type IV, Form 2, Pattern C E Fire Class A |
| Mold & Mildew Protection | Clean Room ceiling panels resist the growth of mold and mildew |

#### 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.

#### 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.

#### Insulation Value

R Factor – 1.5 (BTU units) R Factor – 0.26 (Watts units)
COLORATIONS® Colors
Integrated Color Ceiling Systems
CALLA® & LYRA® Ceiling Panels, SUPRAFINE® Suspension Systems and AXIOM® Trim

Calla® Square Tegular panels with Suprafine® 9/16” suspension system (Pgs. 400-401)

Colorations® colors allow integration of ceiling panels, suspension systems and trim.

KEY SELECTION ATTRIBUTES
• Colorations Colors Ceiling Panels
  Product Family:
  – Smooth surface, high performance
    Calla® and Lyra® ceiling panels
    (Pgs. 203-204 and 255-260)
  – Suprafine® XL® 9/16” suspension
    systems (Pgs. 373-374)
  – Axiom® Trim (Pgs. 386-401)
• 13 standard or your choice of
  Sherwin-Williams® colors
• Monolithic visual
• SoundScapes® Acoustical Canopies,
  SoundScapes Shapes Acoustical Clouds and SoundScapes Blades™
  also available in Colorations® Colors

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

Made-to-order Sherwin-Williams® Colors Available

* Colorations colors are not included in the Sustain™ portfolio of products
COLORATIONS® Colors
Integrated Color Ceiling Systems
CALLA® & LYRA® Ceiling Panels, SUPRAFINE® Suspension Systems and AXIOM® Trim

COLORATIONS® INTEGRATED COLOR – PANELS, SUSPENSION SYSTEMS, AND TRIM

Calla® and Lyra® Ceiling Panels
Suprafine® XL® Suspensions Systems
Axiom® Trim

LOOK FOR COLORATIONS® STANDARD COLORS ON THESE PRODUCTS

SoundScapes® Canopies
SoundScapes® Shapes
SoundScapes® Blades™
Infusions® Accent Canopies
**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)

**TYPICAL APPLICATIONS**
- Storage and supply rooms  
- Discount stores  
- Utility Rooms

**FACE VIEW**
- Cortega Second Look I panels – Scoring creates nominal 12” x 12” 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 244.)

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

TechLine 877 276-7876  
armstrongceilings.com/commercial
**CORTEGA®/CORTEGA® Second Look®**  
Square Lay-in & Tegular  
medium texture

### VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>SUSPENSION SYSTEMS</th>
<th>PHYSICAL DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORTEGA® Square Lay-in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>Prelude, Prelude XL®</td>
<td>Material: Wet-formed mineral fiber</td>
</tr>
<tr>
<td></td>
<td>Fire Guard®</td>
<td>Surface Finish: Factory-applied latex paint</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ASTM E1264 Classification: Type III, Form 2, Pattern C-D</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Humidity/Sag Resistance: Standard performance ceiling panels are recommended where the building is enclosed and the HVAC is continuously functioning</td>
</tr>
</tbody>
</table>

| CORTEGA® Tegular   |                  | VOC Emissions: Third-party certified compliant with California Department of Public Health (CDPH)/ERLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, A/N/ASHRAE/USGBC/IES Standard 189, ANSI/GBI Green Building Assessment Protocol. (Excludes 769BL) Primary (Embodied) Energy: See all LCA information on our EPD's. 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: 2195, 704, 816, 703 – R Factor – 1.6 (BTU units); R Factor – 0.26 (Watts units) |
| 15/16" Angled Tegular |                  | 747, 2765, 2758, 2727, 2776 – R Factor – 1.5 (BTU units); R Factor – 0.26 (Watts units) |
| 15/16" Angled Tegular |                  | Weight: Square Feet/Carton 769 – 0.61 lbs/SF; 96 SF/ctn 704, 2195 – 0.63 lbs/SF; 64 SF/ctn 772, 773 – 0.63 lbs/SF; 100 SF/ctn 703 – 0.65 lbs/SF; 80 SF/ctn 770 – 0.69 lbs/SF; 64 SF/ctn 816 – 1.08 lbs/SF; 48 SF/ctn 824 – 1.09 lbs/SF; 48 SF/ctn 823 – 1.09 lbs/SF; 48 SF/ctn |

### PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Fire Guard®</th>
<th>Sound Absorption</th>
<th>Sound Transmission</th>
<th>Light Reflectance</th>
<th>Asbestos Content</th>
<th>Recycled Content</th>
<th>Recycled Program</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRC + 0.65</td>
<td>0.55-0.65</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.55</td>
<td>33</td>
<td>–</td>
<td>0.82</td>
<td>–</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>1-Yr</td>
</tr>
<tr>
<td>0.55</td>
<td>35</td>
<td>–</td>
<td>0.82</td>
<td>–</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>1-Yr</td>
</tr>
<tr>
<td>0.55</td>
<td>35</td>
<td>–</td>
<td>0.82</td>
<td>–</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>1-Yr</td>
</tr>
<tr>
<td>0.55</td>
<td>40</td>
<td>–</td>
<td>0.82</td>
<td>–</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>1-Yr</td>
</tr>
<tr>
<td>0.55</td>
<td>35</td>
<td>–</td>
<td>0.82</td>
<td>–</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>1-Yr</td>
</tr>
<tr>
<td>0.55</td>
<td>35</td>
<td>–</td>
<td>0.82</td>
<td>–</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>1-Yr</td>
</tr>
<tr>
<td>0.55</td>
<td>30</td>
<td>–</td>
<td>0.82</td>
<td>–</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>1-Yr</td>
</tr>
</tbody>
</table>

### SUPPORTIVE DATA

<table>
<thead>
<tr>
<th>Metric Items Available</th>
<th></th>
<th>Minimum Order Quantity</th>
<th>1 carton, excludes other size panels.</th>
</tr>
</thead>
<tbody>
<tr>
<td>770M, 824M, 769M, 773M, 722M, 2195M, 704M, 703M, 823M – Metric Items are subject to extended lead times and minimum quantities. Contact your representative for more details.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TechLine:** 1 877 276-7786  
**armstrongceilings.com/commercial (search: cortega)**  
**BPCS-3017/2002-517**  

**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.**  
© 2016-2017 AWI Licensing LLC. Printed in the United States of America
CREATE!™
ULTIMA®, ULTIMA® Health Zone™, OPTIMA®
Square Lay-in, Tegular & Vector®
fine texture

TYPICAL APPLICATIONS
• Classrooms
• Libraries/media centers
• Lobbies/reception areas
• Retail
• Restaurant

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
• 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

CREATE YOUR OWN UNIQUE, CUSTOM CEILING VISUAL USING COLOR AND ARTWORK

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 – .tif

SOLID COLOR REQUIREMENTS:
• Custom colors are available
• RAL® classic colors available on suspension systems and perimeter trims

Create!™ custom images are available on Ultima, Ultima Health Zone™, and Optima® panels. Great acoustics have never been so colorful!
### 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>4-Panel Design Design 022 (Add A, B, C, or D for individual panel order)</td>
<td>4-Panel Design Design 052 (Add A, B, C, or D for individual panel order)</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.

- **Bamboo (BA)**
- **Barnwood (BW)**
- **Light Cherry (LC)**
- **Oak (OK)**
- **Walnut (WN)**

### COLOR REFERENCE CHART

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.
**VISUAL SELECTION**

**PERFORMANCE SELECTION**

Dots represent high level of performance.

**SUSPENSION SYSTEMS AND EDGE DETAILS**

- **Vector® Panel and Prelude® XL®**
  (White suspension required for Vector)

- **Tegular Panel and Silhouette® XL® 1/4" Reveal**

- **Tegular Panel and Silhouette® XL® 1/8" Reveal**

- **Lay-in Panel and Prelude® XL® or 360° Painted Grid**

**PHYSICAL DATA**

- **Material**
  Ultima®/Ultima Health Zone: Wet-formed mineral fiber
  Optima: Glassfiber 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 Health Zone: Type III, Form 2, Pattern E
  NASA: Type XII, Form 2, Pattern E
  Optima: Type XII, Form 2, Pattern E
  Low-emitting/lacquer
  Durable
  Non-glass
  Weight; Square Feet/Carton
  Optima: 0.55 lbs/SF; 16 SF/ctn
  Optima: 0.55 lbs/SF; 16 SF/ctn
  Optima: 0.55 lbs/SF; 16 SF/ctn

- **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® Plus performance resist the growth of mold and mildew. Health Zone ceiling panels with BioBlock® Plus performance also resist odor and stain causing bacterial growth.

- **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.

- **Recycled Content**
  Location Dependent

- **Color Selection**
  (White suspension required for Vector)
  Vector® Panel and Prelude® XL®
  Tegular Panel and Silhouette® XL®
  Lay-in Panel and Prelude® XL® or 360° Painted Grid

**COLORS**

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

**RAL®** is a registered trademark of RAL GmbH. All other trademarks used herein are the property of Armstrong World Industries LLC and/or its affiliates

© 2016-2017 AWI Licensing LLC Printed in the United States of America
**VISUAL SELECTION**

|--------------|--------------------------|----------|---------------------|
| **DESIGNER** Square Lay-in | 1 | 735 | 24 x 24 x 5/8"
|              | 1 | 734 | 24 x 48 x 5/8"
| **DESIGNER** Tegular | 13 | 737 | 24 x 24 x 5/8"

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

**PERFORMANCE SELECTION** Dots represent high level of performance.

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>NRC + CAC</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Sag Resist</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></td>
<td>0.55</td>
<td>30</td>
<td>Class A</td>
<td>0.81</td>
<td>Std</td>
<td>Std</td>
<td>Std Std</td>
<td>1-Yr</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.55</td>
<td>30</td>
<td>Class A</td>
<td>0.81</td>
<td>Std</td>
<td>Std</td>
<td>Std Std</td>
<td>1-Yr</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.55</td>
<td>33</td>
<td>Class A</td>
<td>0.81</td>
<td>Std</td>
<td>Std</td>
<td>Std Std</td>
<td>1-Yr</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUSPENSION SYSTEMS**

15/16" [Diagram]

**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**

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

**Insulation Value**: R Factor = 1.5 (BTU units) R Factor = 0.26 (Watts units)

**Warranty Details**: armstrongceilings.com

**Weight**: Square Feet/Carton

- 734M, 734M – 0.60 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.
DUNE™
Square Lay-in & Tegular
fine texture

This durable, fine-textured panel offers a non-directional visual.

KEY SELECTION ATTRIBUTES
• Upgrade look at a modest price
• Ceiling-2-Ceiling™ Post-consumer Recycled Content options: Items 1772HRC, 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
• 30-Year Limited System Warranty against visible sag (excludes items 1796 and 1798), mold and mildew

TYPICAL APPLICATIONS
• Offices
• Corridors
• Retail
• Hospitality

COLOR
White (WH)

DETAILS (Other Suspension Systems compatible. Refer to listing on page 250)

1. Dune™ Tegular
2. Dune™ Square Lay-in with Prelude® XL® 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></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DUNE™ Square Lay-in</td>
<td>1772</td>
<td>24 x 24 x 5/8&quot;</td>
<td></td>
</tr>
<tr>
<td>DUNE Tegular</td>
<td>1774</td>
<td>24 x 24 x 5/8&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1775</td>
<td>24 x 24 x 5/8&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1776</td>
<td>24 x 24 x 5/8&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1796</td>
<td>20 x 60 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1798</td>
<td>30 x 30 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other Size</td>
<td>W: 12&quot; – 30&quot; / L: 18&quot; – 72&quot;</td>
<td></td>
</tr>
</tbody>
</table>

### PERFORMANCE SELECTION

Dots represent high level of performance.

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>UL Total Acoustics</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Sag</th>
<th>Scratch</th>
<th>Certified LOW VOC Emissions</th>
<th>Recycled Content</th>
<th>30-Year Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRC + UL</td>
<td>0.50</td>
<td>0.50</td>
<td>0.50</td>
<td>0.50</td>
<td>0.50</td>
<td>0.50</td>
<td>0.50</td>
<td>0.50</td>
<td>0.50</td>
</tr>
<tr>
<td>30</td>
<td>Class A</td>
<td>Class A</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
</tr>
<tr>
<td>30</td>
<td>Class A</td>
<td>Class A</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
</tr>
<tr>
<td>Class A</td>
<td>Class A</td>
<td>Class A</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
<td>Fire Guard</td>
</tr>
<tr>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
</tr>
<tr>
<td>1-Yr</td>
<td>1-Yr</td>
<td>1-Yr</td>
<td>1-Yr</td>
<td>1-Yr</td>
<td>1-Yr</td>
<td>1-Yr</td>
<td>1-Yr</td>
<td>1-Yr</td>
<td>1-Yr</td>
</tr>
</tbody>
</table>

### SUSPENSION SYSTEMS

<table>
<thead>
<tr>
<th>15/16&quot;</th>
<th>9/16&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prelude®</td>
<td>Prelude® XL® Fire Guard</td>
</tr>
<tr>
<td>Silhouette® 1/4&quot; Reveal</td>
<td>Silhouette® 1/8&quot; Reveal</td>
</tr>
<tr>
<td>Suprafine®</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 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 III, Form 2, Pattern C 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. Excludes items 1796, 1798, and large other size 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.
- **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**: 0.26 (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/Caraton

- **1772 – 0.84 lbs/SF, 64 SF/ctn**
- **1773 – 0.88 lbs/SF, 64 SF/ctn**
- **1796 – 1.33 lbs/SF, 64 SF/ctn**
- **1798 – 1.14 lbs/SF, 50 SF/ctn**
- **1796 – 1.19 lbs/SF, 48 SF/ctn**
- **1798 – 1.22 lbs/SF, 48 SF/ctn**
- **1774, 1775, 1776, 1777 – 0.75 lbs/SF, 64 SF/ctn**
- **1772, 1777 – 0.75 lbs/SF, 64 SF/ctn**
- **1772, 1777 – 1.20 lbs/SF, 48 SF/ctn**

### Minimum Order Quantity

1 carton, excludes other size panels

### Metric Items Available

- **1772M, 1785M, 1773M, 1451M, 1796M, 1785M, 1775M, 1777M** – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.
DUNE™ Second Look®
Scored Tegular
fine texture

TYPICAL APPLICATIONS
• Specialty shops/stores
• Corridors
• Offices

KEY SELECTION ATTRIBUTES
• Upgrade look at a modest price
• USDA Certified Biobased Content – 100%
• Durable – Scratch-resistant
• 30-Year Limited System Warranty against visible sag, mold, and mildew

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)

DETAILS
(Other Suspension Systems compatible. Refer to listing on page 252.)
1. Dune® Second Look®
2. Dune Second Look with Suprafine®
   9/16” suspension system

DUNE™ Second Look® I panels with Prelude® 15/16” suspension system (Pgs. 391-392)
DUNE™ Second Look®
Scored Tegular
fine texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg. Pages 407-411</th>
<th>Item No.</th>
<th>Dimensions (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DUNE™ Second Look® I</td>
<td></td>
<td>2711</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| DUNE Second Look II          |                           | 2712     | 24 x 48 x 3/4"      |
| 15/16" Angled Tegular       |                           |          |                     |

| 9/16" Angled Tegular        | 27                        | 2722     | 24 x 48 x 3/4"      |

PERFORMANCE SELECTION

UL Classified Acoustics

<table>
<thead>
<tr>
<th>NRC</th>
<th>II Total Acoust.</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Sag Resist</th>
<th>Certified Low VOC Emissions</th>
<th>Bio-Block</th>
<th>HumiGuard® Plus</th>
<th>Recycled Content</th>
<th>Duraibility</th>
<th>30-Yr Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.50</td>
<td>35</td>
<td>–</td>
<td></td>
<td>Class A</td>
<td>0.83</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>•</td>
<td>•</td>
</tr>
</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" 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
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)

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.
Details at armstrongceilings.com

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.
FASTSIZE™
Factory-Finished Panels, Shipped Fast

FastSize™ Ceiling Panels
The sizes you need…factory finished…one carton minimums…shipped fast! Available in select Cirrus®, Optima®, Optima® Capz™, and Ultima® panels. See “Item No.” column on product pages for size availability. FastSize, other sizes, and colors are not UL Classified for acoustics. HRC products are not available in FastSize options.

KEY SELECTION ATTRIBUTES
• Factory-finished edge details on ceiling panels
• Factory-finished routing for suspension systems
• Popular textures, including Cirrus®, Optima®, Optima® Capz™, and Ultima® panel textures
• Popular suspension systems including Prelude® ML®, ML, Suprafine® XL®, Interlude® and Silhouette®
• Size flexibility:* - From 4” – 48” wide and 4” – 120” long for panels - From 36” – 144” for main beams; 4” – 144” for cross tees - Metric sizes available
• Fast lead times (from signed drawing to shipment from plant) — 3 weeks for panels — 2 weeks for suspension systems — 24-hour quotes — 24-hour for ship date confirmation
• One carton minimums
• Installation benefits: — No need for field-cutting panels or routing suspension system — Faster, easier installation — Minimized punch list

* Sizes intended for cut outs or borders only. For special size full field installations contact Armstrong Ceilings customer service.

CEILING PANELS

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Edge Detail</th>
<th>Width</th>
<th>Length</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cirrus®</td>
<td>Square Lay-in</td>
<td>4” – 24”</td>
<td>4” – 48”</td>
<td>3/4”</td>
</tr>
<tr>
<td></td>
<td>Regular</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Optima®</td>
<td>Square Lay-in</td>
<td>4” – 48”</td>
<td>4” – 120”</td>
<td>1”</td>
</tr>
<tr>
<td></td>
<td>Square Tegular</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Vector</td>
<td>4” – 30”</td>
<td>12” – 96”</td>
<td>7/8”</td>
</tr>
<tr>
<td></td>
<td>Concealed</td>
<td>30” – 48”</td>
<td>12” – 48”</td>
<td>7/8”</td>
</tr>
<tr>
<td>Optima® Capz™</td>
<td>Reverse Tegular</td>
<td>12” – 48”</td>
<td>12” – 120”</td>
<td>7/8”</td>
</tr>
<tr>
<td>Ultima®</td>
<td>Square Lay-in</td>
<td>4” – 24”</td>
<td>4” – 72”</td>
<td>3/4”</td>
</tr>
<tr>
<td></td>
<td>Beveled Tegular</td>
<td>4” – 24”</td>
<td>4” – 72”</td>
<td>3/4”</td>
</tr>
<tr>
<td></td>
<td>Vector</td>
<td>4” – 24”</td>
<td>4” – 24”</td>
<td>3/4”</td>
</tr>
</tbody>
</table>

Exclusions: Cirrus® High NRC, Profiles, Themes™, and HRC / 1” Optima® – Health Zone™, Create!™ / Ultima® High NRC, AirGuard™ coating, Health Zone™, Create!, and HRC

SUSPENSION SYSTEMS

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Main Beam Length</th>
<th>Cross Tee Length</th>
<th>Rout Spacing (custom options available)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prelude® ML</td>
<td>36” – 144”</td>
<td>4” – 144”</td>
<td>2” from ends, 4” O. C. thereafter</td>
</tr>
<tr>
<td>Prelude® XL®</td>
<td>36” – 144”</td>
<td>4” – 144”</td>
<td>2” from ends, 4” O. C. thereafter</td>
</tr>
<tr>
<td>Suprafine® XL®</td>
<td>36” – 144”</td>
<td>4” – 144”</td>
<td>2” from ends, 4” O. C. thereafter</td>
</tr>
<tr>
<td>Interlude®</td>
<td>36” – 144”</td>
<td>4” – 144”</td>
<td>2” from ends, 4” O. C. thereafter</td>
</tr>
<tr>
<td>Silhouette®</td>
<td>36” – 144”</td>
<td>4” – 144”</td>
<td>3” from ends, 6” O. C. thereafter</td>
</tr>
</tbody>
</table>

Exclusions: Prelude® ML Exterior and Suprafine® ML suspension systems
FINE FISSURED™
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

TYPICAL APPLICATIONS

- Areas with low ceiling height or limited plenum

COLOR

White

ursos

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>Concealed</td>
<td>66</td>
<td>746</td>
<td>12 x 12 x 5/8&quot;</td>
</tr>
<tr>
<td>Tongue-and-Groove</td>
<td>63</td>
<td>741</td>
<td>12 x 12 x 1/2&quot;</td>
</tr>
</tbody>
</table>

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

SUSPENSION SYSTEM

15/16" Concealed

STAPLE UP/ADHESIVE

Prelude® Concealed or Adhesive

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

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


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/Carton

741 – 0.75 lbs/SF; 40 SF/ctn

746 – 0.90 lbs/SF; 40 SF/ctn

Minimum Order Quantity

1 carton
FINE FISSURED™
FINE FISSURED™ High NRC
Square Lay-in
medium texture

TYPICAL APPLICATIONS
• Schools
• Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements (High Acoustics items only)
• Libraries/band rooms
• Corridors
• Theaters (Tech Black)

KEY SELECTION ATTRIBUTES
• Get total noise control and design flexibility 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

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)

DETAILS
1. Fine Fissured Square Lay-in
2. Fine Fissured Square Lay-in with Prelude 15/16" suspension system

This economical, non-directional panel is available in standard and high-acoustical absorption options.

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.
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>
</tr>
</thead>
<tbody>
<tr>
<td>FINE FISSURED™ High NRC</td>
<td>1714</td>
<td>1754</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td>FINE FISSURED™ High NRC</td>
<td>1713</td>
<td>1755</td>
<td>24 x 48 x 7/8&quot;</td>
</tr>
<tr>
<td>FINE FISSURED™ High NRC</td>
<td>1713BL</td>
<td>1756</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td>FINE FISSURED™ High NRC</td>
<td>1713BL</td>
<td>1757</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td>FINE FISSURED™ High NRC</td>
<td>1713</td>
<td>1758</td>
<td>30 x 60 x 3/4&quot;</td>
</tr>
<tr>
<td>FINE FISSURED™ High NRC</td>
<td>1713</td>
<td>1759</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>FINE FISSURED™ High NRC</td>
<td>1713</td>
<td>1760</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>School Zone FINE FISSURED™</td>
<td>1713</td>
<td>1761</td>
<td>W: 12&quot; - 30&quot; / L: 18&quot; - 72&quot;</td>
</tr>
</tbody>
</table>

PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>Material</th>
<th>SUSPENSION SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FINE FISSURED™ High NRC</td>
<td>1714</td>
</tr>
<tr>
<td>FINE FISSURED™ High NRC</td>
<td>1715</td>
</tr>
<tr>
<td>FINE FISSURED™ High NRC</td>
<td>1710</td>
</tr>
<tr>
<td>FINE FISSURED™ High NRC</td>
<td>1711</td>
</tr>
<tr>
<td>FINE FISSURED™ High NRC</td>
<td>1712</td>
</tr>
<tr>
<td>School Zone FINE FISSURED™</td>
<td>1713</td>
</tr>
</tbody>
</table>

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPR/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CallGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189, ANSI/GBI Green Building Assessment Protocol. (Except 1772, 1729 in colors)

Acoustical Performance
GAC testing conducted using Prelude® XL® suspension system

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

High Recycled Content
Contains greater than 90% 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 = 1.18 BTU units
R Factor = 0.26 Watts units

Armstrong ceilings.

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

BPCS-3227-517

MINERAL FIBER
FINE FISSURED™
FINE FISSURED™ High NRC
Tegular
medium texture

This economical, non-directional panel available in standard and high acoustical absorption options.

KEY SELECTION ATTRIBUTES
- Get total noise control and design flexibility 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

TYPICAL APPLICATIONS
- Offices – closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and teaming
- Schools
- Libraries/band rooms
- Corridors
- Discount stores
- Utility rooms

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 pages 258, 260)
1. Fine Fissured™ Beveled Tegular
2. Fine Fissured Angled Tegular
3. Fine Fissured Tegular with Suprafine® 9/16” suspension system

See more photos at: armstrongceilings.com/photogallery
SEARCH: fine fissured
FINE FISSURED™
FINE FISSURED™ High NRC
Tegular
medium texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
<th>SUSPENSION SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td>1756</td>
<td>24 x 24 x 7/8&quot;</td>
<td>15/16&quot; Prelude XL® Fire Guard™</td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>1757</td>
<td>24 x 48 x 7/8&quot;</td>
<td>9/16&quot; Silhouette 1/4&quot; Reveal</td>
</tr>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td>1732</td>
<td>24 x 24 x 5/8&quot;</td>
<td>15/16&quot; Silhouette 1/8&quot; Reveal</td>
</tr>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td>1833</td>
<td>24 x 24 x 5/8&quot;</td>
<td>15/16&quot; Suprafine® Fire Guard</td>
</tr>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td>1733</td>
<td>24 x 48 x 5/8&quot;</td>
<td>15/16&quot; Interlude®</td>
</tr>
</tbody>
</table>

PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
<th>UL Classified Acoustics</th>
<th>Total Articulation</th>
<th>Fire performance</th>
<th>Light Reflect</th>
<th>Sound Absorption</th>
<th>Sag Resistance</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>1756</td>
<td>24 x 24 x 7/8&quot;</td>
<td>0.75 35 BEETER 170 Class A 0.86 • • • Std • • • 1-Yr</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1757</td>
<td>24 x 48 x 7/8&quot;</td>
<td>0.75 35 BEETER 170 Class A 0.86 • Std Std • • •</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1732</td>
<td>24 x 24 x 5/8&quot;</td>
<td>0.55 35 – N/A Class A 0.85 • • • Std Std • • •</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1833</td>
<td>24 x 24 x 5/8&quot;</td>
<td>0.55 35 – N/A Fire Guard™ 0.85 • • • Std Std • • •</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1733</td>
<td>24 x 48 x 5/8&quot;</td>
<td>0.55 35 – N/A Class A 0.85 • • • Std Std • • •</td>
<td></td>
<td></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.

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
HumMiGuard® 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 CSPI/ERLBI/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, and LEED Green Building Assessment Protocol (excludes item 1732 in color).

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 – 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; 80 SF/ctn
1833 – 1.05 lbs/SF; 48 SF/ctn
1756, 1758 – 1.08 lbs/SF; 40 SF/ctn
1757, 1759 – 1.08 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton, excludes other sizes

Metric Items Available
1732M, 1733M, 1756M, 1757M, 1758M, 1759M – Metric items subject to extended lead times and minimum quantities.
## VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg. Pgs. 407-411 armstrongceilings.com/stadws</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
<th>Flumes, Graphis Linear Corner</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FINE FISSLURED™</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td>12</td>
<td>1834</td>
<td>24 x 48 x 5/8&quot;</td>
<td></td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>29, 44, 52, 56</td>
<td>1734</td>
<td>24 x 24 x 5/8&quot;</td>
<td></td>
</tr>
<tr>
<td>Other Size Panels</td>
<td>29, 44, 52, 56</td>
<td>1835</td>
<td>24 x 24 x 5/8&quot;</td>
<td></td>
</tr>
<tr>
<td><strong>School Zone® FINE FISSLURED</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td>13</td>
<td>1717</td>
<td>24 x 24 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>Other Size Panels</td>
<td>13</td>
<td>1820</td>
<td>24 x 24 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>13</td>
<td>1824</td>
<td>24 x 48 x 3/4&quot;</td>
<td></td>
</tr>
</tbody>
</table>

## PERFORMANCE SELECTION

FINE FISSURED™
FINE FISSURED™ High NRC

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>School Zone® FINE FISSURED™</td>
<td>407-411</td>
<td>1719</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>29, 44, 52, 56</td>
<td>1821</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td>Other Size Panels</td>
<td>29, 44, 52, 56</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>W: 12&quot; - 30&quot; / L: 18&quot; - 72&quot;</td>
<td>3/4&quot; thick</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PERFORMANCE SELECTION**

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Articulation</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Anti-Microbial</th>
<th>Weight</th>
<th>Sag Resist</th>
<th>Durability</th>
<th>Recycled Content</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>BETTER N/A Class A</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>0.70</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>•</td>
</tr>
<tr>
<td>BETTER N/A Fire Guard™</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>0.70</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>•</td>
</tr>
<tr>
<td>BETTER N/A Class A</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
<td>Std</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.

**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 CPD/P/EHLB/Standard Method Version 1.1. 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/ES Standard 189; ANSI/GBI Green Building Assessment Protocol (excludes item 1835).

**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 FFC guidelines.

**SUSPENSION SYSTEMS**

15/16"

- Prelude® XL®
- Silhouette®
- Interlude®

9/16"

- Prelude® XL® Fire Guard™
- Silhouette® 1/4" Reveal
- Suprafine® XL® Fire Guard™
- Sonata®

**PHYSICAL DATA**

- Material: Wet-formed mineral fiber
- Surface Finish: Factory-applied latex paint
- Fire Performance: ASTM E84 and CAN/ULC S102 surface burning characteristics. Fire Guard™: A fire-resistant ceiling when used in applicable UL assemblies (Class A).
- Fire Class A: ASTM E1264 Classification Type III, Form 2, Pattern C 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.
- 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 FFC guidelines.
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

**TYPICAL APPLICATIONS**
- Department stores/retail
- Many types of commercial interiors

**COLOR**
- White

**FACE VIEW**
- Second Look I
- Second Look II
- Second Look III

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot; Angled</td>
<td>Second Look I</td>
<td>1780</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16&quot; Angled</td>
<td>Second Look I</td>
<td>11</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16&quot; Angled</td>
<td>Second Look I</td>
<td>11</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16&quot; Angled</td>
<td>Second Look I</td>
<td>11</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>9/16&quot; Angled</td>
<td>Second Look II</td>
<td>11</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>9/16&quot; Angled</td>
<td>Second Look II</td>
<td>11</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
</tbody>
</table>

**PERFORMANCE SELECTION**
Dots represent high level of performance.

**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 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 and outdoor applications.

- **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

- **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.

**Suspending Systems**

<table>
<thead>
<tr>
<th>15/16&quot;</th>
<th>9/16&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prelude®</td>
<td>Prelude® XL® Fire Guard™</td>
</tr>
<tr>
<td>Suprafine®</td>
<td></td>
</tr>
</tbody>
</table>

**TYPICAL APPLICATIONS**
Many types of commercial interiors

- Department stores/retail
- Many types of commercial interiors

**COLOR**
- White

**FACE VIEW**
- Second Look I
- Second Look II
- Second Look III

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot; Angled</td>
<td>Second Look I</td>
<td>1780</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16&quot; Angled</td>
<td>Second Look I</td>
<td>11</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16&quot; Angled</td>
<td>Second Look I</td>
<td>11</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16&quot; Angled</td>
<td>Second Look I</td>
<td>11</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>9/16&quot; Angled</td>
<td>Second Look II</td>
<td>11</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>9/16&quot; Angled</td>
<td>Second Look II</td>
<td>11</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
</tbody>
</table>

**PERFORMANCE SELECTION**
Dots represent high level of performance.

**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 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 and outdoor applications.

- **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

- **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

**TYPICAL APPLICATIONS**
- Utility rooms
- Discount stores

**VisuaL seLeCtion**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FISSURED™ Square Lay-in</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Lay-in</td>
<td></td>
<td>1 756</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 896</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 755</td>
<td>24 x 48 x 5/8&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 895</td>
<td>24 x 48 x 5/8&quot;</td>
</tr>
<tr>
<td></td>
<td>1 Other Size Panels</td>
<td>W: 12&quot; - 30&quot; / L: 18&quot; - 72&quot; 5/8&quot; thick</td>
<td></td>
</tr>
<tr>
<td><strong>FISSURED™ Tegular</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td></td>
<td>12 705</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td>12 805</td>
<td>24 x 24 x 5/8&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 Other Size Panels</td>
<td>W: 12&quot; - 30&quot; / L: 18&quot; - 72&quot; 5/8&quot; thick</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Performance seLeCtion**

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>NRC</th>
<th>Cert. Class</th>
<th>Fire Guard</th>
<th>Sound Block</th>
<th>Sag</th>
<th>Durability</th>
<th>Recycled Content</th>
<th>Recycle Program</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Suspension Systems**

15/16"

**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-resisive ceiling when used in applicable UL assemblies (Class A),
- **ASTM E1264 Classification**

**Humidity/Sag Resistance**

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

**VOC Emissions**


**Insulation Value**

- 755, 756, 895, 896: R Factor – 1.5 (BTU units)
- 815: R Factor – 0.26 (Watts units)

**Weight, Square Feet/Carton**

- 705, 815: 705 – 6.69 lbs/SF; 64 SF/carton
- 755: 756 – 6.67 lbs/SF; 64 SF/carton
- 815: 815 – 1.08 lbs/SF; 49 SF/carton
- 895, 896: 1.09 lbs/SF; 48 SF/carton

**Minimum Order Quantity**

1 carton, excludes other size panels

**Metric Items Available**

- 756M, 755M, 895M, 896M – 1.09 lbs/SF; 64 SF/carton
- 815M – 1.08 lbs/SF; 49 SF/carton

**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

© 2016-2017 AWI Licensing LLC 
Printed in the United States of America

**Armstrong**

262

**AMERICAN WEATHERIZATION INSTITUTE**

www.armstrongceilings.com/commercial

(800) 204-3511

**TechLine** / 1 877 276-7876

armstrongceilings.com/commercial

(search: fissured)

BPCS-3030-517
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
• Durable—Washable
  - Scrubbable
  - Impact-resistant
  - Scratch-resistant
• 30-Year Limited System Warranty against visible sag (excludes item 791 and other sizes), mold, and mildew

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 264.)
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
## VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GEORGIAN™</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>1</td>
<td>764</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>1</td>
<td>763</td>
<td>24 x 48 x 5/8&quot;</td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>15</td>
<td>1752</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>29, 44, 48, 52, 56</td>
<td>1753</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
</tbody>
</table>

## SCHOOL ZONE® GEORGIAN

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>1</td>
<td>796</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>1</td>
<td>797</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>10 Other Size Panels</td>
<td>1</td>
<td>W: 12&quot; - 30&quot; / L: 18&quot; - 72&quot; 3/4&quot; Thick</td>
<td></td>
</tr>
</tbody>
</table>

## PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics¹</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Sag Resistance</th>
<th>Certified Low VOC Emissions</th>
<th>Wash</th>
<th>Scratch</th>
<th>Impact</th>
<th>Recycled Content</th>
<th>30-Year Performance Guarantee &amp; Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NRC + dbA AMC ⁴</td>
<td>R Factor ⁴</td>
<td></td>
<td></td>
<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>0.55 33 ³</td>
<td>Class A 0.86</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>0.55 33 ³</td>
<td>Class A 0.86</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>0.55 35 ³</td>
<td>Fire Guard⁵</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>0.55 33 ³</td>
<td>Class A 0.86</td>
<td>Std</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>0.55 35 ³</td>
<td>Class A 0.86</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>0.55 35 ³</td>
<td>Class A 0.86</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>0.65 35 ³</td>
<td>GOOD Class A 0.86</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>0.65 35 ³</td>
<td>GOOD Class A 0.86</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>N/A N/A</td>
<td>Class A 0.86</td>
<td>Std</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.  
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></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot;</td>
<td>Prelude®</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/16&quot;</td>
<td>Silhouette® 1/4&quot; Reveal</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Silhouette® 1/8&quot; Reveal</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Suprafine®</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Interlude®</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sonata®</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## 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>
</tbody>
</table>
| 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 Items 794, 783, 898 – Type IX, Form 2, Pattern G Fire Class A Sag Resistance MultiGuard® 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 other size 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 Third-party certified compliant with California Department of Public Health CPDWEHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/IGSBC/IES Standard 199, ANSI/GBI Green Building Assessment Protocol. 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/Case: 1.31 lbs/SF; 48 SF/ctn
- 764, 794, 1752, 1753 – 0.72 lbs/SF; 64 SF/ctn
- 791 – 0.76 lbs/SF; 75 SF/ctn
- 898 – 1.13 lbs/SF; 64 SF/ctn
- 796 – 1.31 lbs/SF; 48 SF/ctn
- 795 – 1.38 lbs/SF; 48 SF/ctn

Minimum Order Quantity

1 carton, excludes other size panels

Metric Items Available

- 1753M, 764M, 763M, 791M, 1752M, 796M, 795M, 793M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.
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

**TYPICAL APPLICATIONS**
- Department stores/retail
- Many types of commercial interiors
- Airports/bus/train stations

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

**COLOR**

- White (WH)

**DETAILS**

(Other Suspension Systems compatible. Refer to listing on page 266.)

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>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GRAPHIS® Finetex™ &amp; Rustex™</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wrapped Linear</td>
<td></td>
<td>8005</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td>Cubic</td>
<td>8006</td>
<td>24 x 24 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>NeoCubic™</td>
<td>8007</td>
<td>24 x 24 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td><strong>GRAPHIS® Rustex™</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cubic Beveled</td>
<td>2600</td>
<td>24 x 24 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>Linear Beveled</td>
<td>2602</td>
<td>24 x 24 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>Cubic Beveled</td>
<td>2600</td>
<td>24 x 24 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>Linear Beveled</td>
<td>2602</td>
<td>24 x 24 x 3/4&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**PERFORMANCE SELECTION**

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Sag Resist</th>
<th>Durability</th>
<th>Recycled Content</th>
<th>Recycle Program</th>
<th>30-Yr Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GRAPHIS® Finetex™</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wrapped Linear</td>
<td>N/A</td>
<td>35</td>
<td>–</td>
<td>Class A</td>
<td>0.90</td>
<td>–</td>
<td>–</td>
<td>Std</td>
<td>Std</td>
</tr>
<tr>
<td>Cubic</td>
<td>N/A</td>
<td>35</td>
<td>–</td>
<td>Class A</td>
<td>0.90</td>
<td>–</td>
<td>–</td>
<td>Std</td>
<td>Std</td>
</tr>
<tr>
<td>NeoCubic™</td>
<td>N/A</td>
<td>35</td>
<td>–</td>
<td>Class A</td>
<td>0.90</td>
<td>–</td>
<td>–</td>
<td>Std</td>
<td>Std</td>
</tr>
<tr>
<td><strong>GRAPHIS® Rustex™</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cubic Beveled</td>
<td>0.55</td>
<td>30</td>
<td>–</td>
<td>Class A</td>
<td>0.75</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>• • •</td>
</tr>
<tr>
<td>Linear Beveled</td>
<td>0.55</td>
<td>30</td>
<td>–</td>
<td>Class A</td>
<td>0.75</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>• • •</td>
</tr>
<tr>
<td>Cubic Beveled</td>
<td>0.55</td>
<td>30</td>
<td>–</td>
<td>Class A</td>
<td>0.75</td>
<td>•</td>
<td>•</td>
<td>Std</td>
<td>• • •</td>
</tr>
<tr>
<td>Linear Beveled</td>
<td>0.55</td>
<td>30</td>
<td>–</td>
<td>Class A</td>
<td>0.75</td>
<td>•</td>
<td>•</td>
<td>Std</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.

**SUSPENSION SYSTEMS**

<table>
<thead>
<tr>
<th>15/16&quot;</th>
<th>9/16&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prelude®</td>
<td>Suprafine®</td>
</tr>
<tr>
<td>Beveled Tegular</td>
<td>Wrapped Tegular</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 J2, Fire Class A
- **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**: 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/Carton
- **Minimum Order Quantity**: 1 carton
- **Metric Items Available**: 2600M, 2602M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

---

**LEED® Energy Management**

- Location Dependent
- Impact: Energy management
- RECYCLED CONTENT
- Material: Factory-applied latex paint
- Weight: 2600M, 2602M
- Minimum Order Quantity: 1 carton
- Metric Items Available: 2600M, 2602M

---

**Contact Information**

TechLine / 1 877 276-7876
armstrongceilings.com/commercial
BPCS-4610-517

© 2016-2017 AWI Licensing LLC Printed in the United States of America

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.

© 2016-2017 AWI Licensing LLC Printed in the United States of America
KITCHEN ZONE™
Square Lay-in
smooth texture

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

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

COLOR

White (WH)

DETAILS
1. Kitchen Zone™ Lay-in
2. Kitchen Zone Lay-in with Prelude® 15/16” suspension system
### Visual Selection

<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>673</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>672</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.

### Performance Selection

<table>
<thead>
<tr>
<th>NRC + CAC</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Sound Reflection</th>
<th>Sound Absorption</th>
<th>Anti-Mold &amp; Mildew</th>
<th>HumiGuard® Plus</th>
<th>Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A 33</td>
<td>– Class A 0.89</td>
<td>•</td>
<td>•</td>
<td>–</td>
<td>•</td>
<td>Std</td>
<td>•</td>
</tr>
<tr>
<td>N/A 33</td>
<td>– Class A 0.89</td>
<td>•</td>
<td>•</td>
<td>–</td>
<td>•</td>
<td>Std</td>
<td>•</td>
</tr>
</tbody>
</table>

### Suspension Systems

15/16" Prelude®

### 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.

**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.

**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

**TYPICAL APPLICATIONS**
- Department stores/retail
- Many types of commercial interiors

**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>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LEDGES® I</strong></td>
<td>[ ] 8011</td>
<td>8011</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td><strong>LEDGES II</strong></td>
<td>25</td>
<td>8013</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
</tbody>
</table>

### PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>NRC +</th>
<th>Total Acoustical</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Sag Resist</th>
<th>Durability</th>
<th>Recycled Content</th>
<th>Recycle Program</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A 35</td>
<td>–</td>
<td>Class A</td>
<td>0.80</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td>1-Yr</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>15/16&quot;</th>
<th>9/16&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prelude®</td>
<td>Suprafine®</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 JZ 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
- **Weight**: Square Feet/Carton 0.90 lbs/SF; 48 SF/carton
- **Minimum Order Quantity**: 1 carton

© 2016-2017 AWI Licensing LLC are the property of AWI Licensing LLC and/or its affiliates.

UL is a registered trademark of UL LLC. All other trademarks used herein are the property of Armstrong World Industries, Inc. and/or its affiliates. Printed in the United States of America.
LYRA® with Plant-based Binder
LYRA® High CAC
with Plant-based Binder
Square Lay-in
smooth texture

These smooth, white, drywall-like visual panels are available in 12 standard sizes.

KEY SELECTION ATTRIBUTES

- Smooth drywall-like ceiling visual
- 12 standard panel sizes
- High acoustics (NRC 0.95, AC up to 200)
- Excellent sound-blocking High CAC item 8732 and 8752
- Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Sag-resistant panels
- Compatible with the TechZone® Ceiling Systems (pgs. 337-344)
- Coordinates with Blizzard White suspension system and Axiom® trim
- Specials capability for non-standard sizes
- Product can be recycled through the Armstrong® Ceilings Recycling Program
- 30-Year Limited System Warranty against visible sag, mold, and mildew

COLOR

White (WH)

Made-to-order Sherwin-Williams® Colors Available

NOTE: Custom colors not available on Lyra® PB High CAC panels

DETAILS

Lyra® PB Square Lay-in

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

Lyra® PB High CAC Square Tegular panels with Suprafine® 9/16” suspension system (Pgs. 400-401)
LYRA® with Plant-based Binder
LYRA® High CAC
with Plant-based Binder
Square Lay-in
smooth texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16” Square Lay-in</td>
<td>1</td>
<td>8732PB</td>
<td>24 x 24 x 1-3/4”</td>
<td></td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>1</td>
<td>8733PB</td>
<td>24 x 48 x 1”</td>
<td></td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>1</td>
<td>8450PB</td>
<td>24 x 72 x 1”</td>
<td></td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>1</td>
<td>8452PB</td>
<td>30 x 30 x 1”</td>
<td></td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>1</td>
<td>8453PB</td>
<td>30 x 60 x 1”</td>
<td></td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>1, 23</td>
<td>8334PB</td>
<td>48 x 48 x 1”</td>
<td></td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>1, 23</td>
<td>8335PB</td>
<td>4 x 60 x 1”</td>
<td></td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>1, 23</td>
<td>8336PB</td>
<td>6 x 48 x 1”</td>
<td></td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>1, 23</td>
<td>8337PB</td>
<td>6 x 60 x 1”</td>
<td></td>
</tr>
</tbody>
</table>

LYRA® with Plant-based Binder High CAC

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+)

* These items are not UL classified.

ACCESSORIES (must be 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.

7870 Spring Border Clip
(For installations with the panel resting on the wall molding)

SUSPENSION SYSTEMS

15/16” Prelude®

PHYSICAL DATA

Material
Lyra PB: Fiberglass with acoustically transparent membrane
Lyra PB High CAC: Composite of fiberglass with acoustically transparent membrane and wet-formed mineral fiber

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 60 or less (UL labeled – excludes item 8732 and 8752).

ASTM E1624 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 BlockGuard® performance resist the growth of mold and mildew.

VOC Emissions

Acoustical Performance
CAC testing conducted using Prelude® XL® suspension system.

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 backing fiberglass products with Item 769 or 770. Excludes Lyra PB High CAC.

LEED® is a registered trademark of the U.S. Green Building Council Declare® is a service mark of The International Living Future Institute Sherwin-Williams® is a registered trademark of The Sherwin-Williams Company. UL is a registered trademark of UL LLC. All other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates © 2016-2017 AWI Licensing LLC Printed in the United States of America

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

Lyra High CAC: R Factor – 5.38 (BTU units);

Lyra: R Factor – 4.4 (BTU units);

Lyra: R Factor – 0.76 (Watts units)

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

Weight: Square Feet/Caraton
8372, 8373 – 0.44 lbs/SF. 96 SF/ctn
8370 – 0.44 lbs/SF. 96 SF/ctn
8450 – 0.46 lbs/SF. 72 SF/ctn
8452 – 0.46 lbs/SF. 75 SF/ctn
8453 – 0.46 lbs/SF. 100 SF/ctn
8336 – 0.44 lbs/SF. 24 SF/ctn
8337 – 0.44 lbs/SF. 30 SF/ctn
8334 – 0.44 lbs/SF. 16 SF/ctn
8335 – 0.44 lbs/SF. 20 SF/ctn
8732, 8752 – 1.77 lbs/SF. 24 SF/ctn
These smooth, white, drywall-like visual panels are available in 28 standard sizes.

**KEY SELECTION ATTRIBUTES**

- Get total noise control and design flexibility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics® performance
- Lyra® PB panels are part of the Sustain™ portfolio and meet the most stringent sustainability compliance standards today
- All items are manufactured with a plant-based binder
- Smooth drywall-like ceiling visual
- 28 standard panel sizes
- High acoustics (NRC 0.95, AC up to 200)
- Excellent sound-blocking High CAC
- Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Sag-resistant panels
- Product can be recycled through the Armstrong® Ceilings Recycling Program
- Compatible with the TechZone® Ceiling Systems (pgs. 311-318)
- Coordinates with Blizzard White suspension system and Axiom® trim
- Specials capability for non-standard sizes
- 30-Year Limited System Warranty against visible sag, mold, and mildew

**COLOR**

- White

- Made-to-order Sherwin-Williams® Colors Available

- NOTE: Custom colors not available on Lyra® PB High CAC panels

**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

**DETAILS**

(Other Suspension Systems compatible. Refer to listing on page 274, 276.)

1. Lyra® PB Square Tegular
2. Lyra PB Tegular with Suprafine® 9/16” suspension system and Blizzard White finish
3. Lyra PB Tegular with Silhouette® XL® 9/16” suspension system with 1/4” or 1/8” reveal and Blizzard White finish
4. Lyra PB Tegular with Interlude® XL® suspension system
LYRA® with Plant-based Binder
LYRA® High CAC
with Plant-based Binder
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; Square Tegular</td>
<td>8</td>
<td>8730PB</td>
<td>24 x 24 x 1-3/4&quot;</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>8731PB</td>
<td>24 x 24 x 1-3/4&quot;</td>
</tr>
<tr>
<td>9/16&quot; Square Lay-in</td>
<td>26, 43, 47, 51, 55</td>
<td>8748PB</td>
<td>24 x 24 x 1-3/4&quot;</td>
</tr>
<tr>
<td>9/16&quot; Angled Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>8749PB</td>
<td>24 x 60 x 1-3/4&quot;</td>
</tr>
<tr>
<td>9/16&quot; Angled Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>8750BP</td>
<td>30 x 30 x 1-3/4&quot;</td>
</tr>
</tbody>
</table>

LYRA with Plant-based Binder

<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; Square Tegular</td>
<td>8</td>
<td>8360PB</td>
<td>24 x 24 x 1&quot;</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>8344PB</td>
<td>4 x 48 x 1&quot;</td>
</tr>
<tr>
<td>9/16&quot; Square Lay-in</td>
<td>26, 43, 47, 51, 55</td>
<td>8345PB</td>
<td>4 x 60 x 1&quot;</td>
</tr>
<tr>
<td>9/16&quot; Angled Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>8346PB</td>
<td>6 x 48 x 1&quot;</td>
</tr>
<tr>
<td>9/16&quot; Angled Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>8347PB</td>
<td>6 x 60 x 1&quot;</td>
</tr>
</tbody>
</table>

PERFORMANCE SELECTION

Dots represent high level of performance.

UL Classified Acoustics

<table>
<thead>
<tr>
<th>System</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Sound Masking</th>
<th>Sag &amp; Shrink</th>
<th>Wash</th>
<th>Scratch</th>
<th>Repeatability</th>
<th>Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NRC + CAC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LYRA® with Plant-based Binder High CAC</td>
<td>0.95*</td>
<td>42*</td>
<td>BEST</td>
<td>200</td>
<td>Class</td>
<td>0.88</td>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LYRA® with Plant-based Binder</td>
<td>0.95</td>
<td>44*</td>
<td>BEST</td>
<td>200</td>
<td>Class</td>
<td>0.88</td>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LYRA with Plant-based Binder</td>
<td>0.95</td>
<td>45*</td>
<td>BEST</td>
<td>200</td>
<td>Class</td>
<td>0.88</td>
<td>A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ACCESSORIES (must be 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.

8780 Spring Border Clip
(For installations with the panel resting on the wall molding).

SUSPENSION SYSTEMS

15/16" Prelude®
9/16" Silhouette®

PHYSICAL DATA

Material: LYRA® PB: Fiberglass with acoustically transparent membrane
Lyra PB High CAC: Composite of fiberglass with acoustically transparent membrane and wet-formed mineral fiber
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 8730, 8731, 8751, 8748, 8749, and 8750).
ASTM E1264 Classification: Type XII, Form 2, Pattern E
Fire Class A
Humidity/Wet Resistance: HumiGuard® Plus ceiling panels are recommended
TechLine 877 276-7876
armstrongceilings.com/commercial

for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
Mold/Mildew Protection: Ceiling panels with BoltBlock® 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.

High Recycled Content: Classifying 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 backglossing 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)
Lyra High CAC: R Factor – 5.38 (BTU units); R Factor – 0.95 (Watts units)
30-Year Performance Guarantee & Warranty: When installed with Armstrong® Suspension System. Details at armstrongceilings.com
Weight: Square Feet/Carfton
8349, 8348 – 0.45 lbs/SF; 96 SF/ctn
8355 – 0.46 lbs/SF; 96 SF/ctn
8346 – 0.44 lbs/SF; 24 SF/ctn
8347 – 0.44 lbs/SF; 20 SF/ctn
8348 – 0.44 lbs/SF; 24 SF/ctn
8350, 8352 – 0.46 lbs/SF; 96 SF/ctn
8730, 8731, 8751, 8748, 8749, 8750 – 1.77 lbs/SF; 24 SF/ctn
## 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>LYRA® with Plant-based Binder Square Tegular</strong></td>
<td>9/16”</td>
<td>26, 43, 47, 51, 55</td>
<td>8377PB 12 x 48 x 1”</td>
</tr>
<tr>
<td>9/16”</td>
<td>26, 43, 47, 51, 55</td>
<td>8379PB 12 x 96 x 1”</td>
<td></td>
</tr>
<tr>
<td>9/16”</td>
<td>26, 43, 47, 51, 55</td>
<td>8361PB 24 x 24 x 1”</td>
<td></td>
</tr>
<tr>
<td>9/16”</td>
<td>26, 43, 47, 51, 55</td>
<td>8357PB 24 x 48 x 1”</td>
<td></td>
</tr>
<tr>
<td>9/16”</td>
<td>26, 43, 47, 51, 55</td>
<td>8365PB 24 x 60 x 1”</td>
<td></td>
</tr>
<tr>
<td>9/16”</td>
<td>26, 43, 47, 51, 55</td>
<td>8381PB 24 x 72 x 1”</td>
<td></td>
</tr>
<tr>
<td>9/16”</td>
<td>26, 43, 47, 51, 55</td>
<td>8382PB 24 x 96 x 1”</td>
<td></td>
</tr>
<tr>
<td>9/16”</td>
<td>26, 43, 47, 51, 55</td>
<td>8461PB 28 x 30 x 1”</td>
<td></td>
</tr>
<tr>
<td>9/16”</td>
<td>26, 43, 47, 51, 55</td>
<td>8359PB 30 x 30 x 1”</td>
<td></td>
</tr>
<tr>
<td>9/16”</td>
<td>26, 43, 47, 51, 55</td>
<td>8385PB 30 x 60 x 1”</td>
<td></td>
</tr>
<tr>
<td>9/16”</td>
<td>26, 43, 47, 51, 55</td>
<td>8376PB 36 x 36 x 1”</td>
<td></td>
</tr>
<tr>
<td>9/16”</td>
<td>26, 43, 47, 51, 55</td>
<td>8462PB 42 x 48 x 1”</td>
<td></td>
</tr>
</tbody>
</table>

## PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustical Articulation</th>
<th>Fire Performance</th>
<th>Light Reflectivity</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Scratches</th>
<th>V.O.C. Emissions</th>
<th>Washability</th>
<th>Impact</th>
<th>Soil Resistance</th>
<th>Recycled Content</th>
<th>Recycled Product</th>
<th>A+ Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRC + CAC</td>
<td>Total Articulation Class</td>
<td>Fire Performance Class</td>
<td>Light Reflectivity</td>
<td>Anti-Mold &amp; Mildew</td>
<td>Scratches</td>
<td>V.O.C. Emissions</td>
<td>Washability</td>
<td>Impact</td>
<td>Soil Resistance</td>
<td>Recycled Content</td>
<td>Recycled Product</td>
<td>A+ Value</td>
</tr>
<tr>
<td>0.95 N/A – 190</td>
<td>Class A</td>
<td>0.88</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.95 N/A – 190</td>
<td>Class A</td>
<td>0.88</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.95 N/A – 190</td>
<td>Class A</td>
<td>0.88</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.95 N/A – 190</td>
<td>Class A</td>
<td>0.88</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.95 N/A – 190</td>
<td>Class A</td>
<td>0.88</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.95 N/A – 190</td>
<td>Class A</td>
<td>0.88</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.95 N/A – 190</td>
<td>Class A</td>
<td>0.88</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.95 N/A – 190</td>
<td>Class A</td>
<td>0.88</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.95 N/A – 190</td>
<td>Class A</td>
<td>0.88</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.95 N/A – 190</td>
<td>Class A</td>
<td>0.88</td>
<td>•</td>
<td>•</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. Good (NRC 0.60-0.65; CAC 35+) Better (NRC 0.70-0.75; CAC 35+) Best (NRC 0.80+; CAC 35+). *These items are not UL classified.
LYRA® with Plant-based Binder
LYRA® High CAC
with Plant-based Binder

**VISUAL SELECTION**

**Tegular**
smooth texture

**PERFORMANCE SELECTION**

**LYRA® with Plant-based Binder Square Tegular**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions</th>
<th>NRC</th>
<th>CAC</th>
<th>Acoustics</th>
<th>Articulation Class</th>
<th>Fire Performance</th>
<th>Light Reflect</th>
<th>Sound Reflection</th>
<th>Anti-Mold/Mildew</th>
<th>Wash</th>
<th>Impact</th>
<th>Scratch</th>
<th>Soil</th>
<th>Recycled Content</th>
<th>Stain Resistance</th>
<th>Class</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/16” Square Tegular</td>
<td>8463PB</td>
<td>44 x 48 x 1”</td>
<td>0.95</td>
<td>N/A</td>
<td>190</td>
<td>Class A</td>
<td>0.88</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8356PB</td>
<td>48 x 48 x 1”</td>
<td>0.95</td>
<td>N/A</td>
<td>190</td>
<td>Class A</td>
<td>0.88</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8466PB</td>
<td>56 x 30 x 1”</td>
<td>0.95</td>
<td>N/A</td>
<td>190</td>
<td>Class A</td>
<td>0.88</td>
<td>•</td>
<td>•</td>
<td>•</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.

2. **GOOD** (NRC 0.60-0.65; CAC 35+) **BEST** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.70-0.75; CAC 35+)

3. This item is not UL classified.

**SUSPENSION SYSTEMS**

**PHYSICAL DATA**

Material
LYRA PB: Fiberglass with acoustically transparent membrane
LYRA PB High CAC: Composite of fiberglass with acoustically transparent membrane and wet-formed mineral fiber.

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. 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
Third-party certified compliant with California Department of Public Health CPD/PH/EB5/Standard Method Version 1.1. 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, AN/ASHRAE/USGBC/EIES Standard 189; ANSIBGI 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 FFC guidelines.

Insulation Value
Lyra: R Factor – 4.4 (BTU units); R Factor – 0.76 (Watts units) Lyra High CAC: R Factor – 5.38 (BTU units); R Factor – 0.95 (Watts units)

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

Weight; Square Feet/Carton
8356 – 0.44 lbs/SF; 117 SF/ctn
8357, 8379 – 0.50 lbs/SF; 110 SF/ctn
8358 – 0.50 lbs/SF; 110 SF/ctn
8361, 8357 – 0.46 lbs/SF; 96 SF/ctn
8363 – 0.50 lbs/SF; 110 SF/ctn
8381 – 0.50 lbs/SF; 72 SF/ctn
8382 – 0.50 lbs/SF; 86 SF/ctn
8359, 8376 – 0.46 lbs/SF; 75 SF/ctn
8358 – 0.46 lbs/SF; 100 SF/ctn
8461, 8466 – 0.44 lbs/SF; 70 SF/ctn
8462 – 0.44 lbs/SF; 112 SF/ctn
8463 – 0.44 lbs/SF; 117 SF/ctn

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

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

TechLine / 1 877 276-7876
armstrongceilings.com/commercial (search: lyra)
BPCS-5146-517

© 2016-2017 AWI Licensing LLC   Printed in the United States of America
Smooth, white drywall-like visual with a fully concealed suspension system, creates a monolithic look with accessibility.

**KEY SELECTION ATTRIBUTES**

- 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)

**TYPICAL APPLICATIONS**

- Renovation – installs on existing 15/16" suspension system
- Open plan office areas
- Auditoriums
- Areas with limited plenum depth
- Areas with indirect lighting systems

**COLOR**

- White (WH)
- Made-to-order Sherwin-Williams® Colors Available

**DETAILS**

1. Lyra® Concealed
2. Lyra Concealed with Prelude® XL® 15/16" suspension system
LYRA® Concealed
Concealed Suspension
smooth 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>106</td>
<td>8430 30 x 30 x 7/8“</td>
</tr>
<tr>
<td>Non-support Edge</td>
<td>106</td>
<td>8433 24 x 48 x 7/8“</td>
</tr>
<tr>
<td></td>
<td>106</td>
<td>8431 24 x 72 x 7/8“</td>
</tr>
<tr>
<td></td>
<td>106</td>
<td>8432 24 x 96 x 7/8“</td>
</tr>
<tr>
<td></td>
<td>106</td>
<td>8434 48 x 48 x 7/8“</td>
</tr>
<tr>
<td>Other sizes</td>
<td>106</td>
<td>N/A N/A 0.88</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).
ASTM E1264 Classification: Type XII, Form 2, Pattern E
File Class A
Humidity/Sag Resistance: HumiGuard®

Anti-Mold/Mildew: Ceiling panels with BioBlock® performance resist the growth of mold and mildew.
Acoustical Details: CAC backing may be available as a special order.
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 – 3.5 (BTU units) R Factor – 0.62 (Watts units)
Design Consideration: Use fixture trim kit around all lights, diffusers, and other ceiling penetrations to avoid exposed suspension system and panel edges. Panel sizes less than 24" x 24" are not recommended for full-field installations.

LEED® is a registered trademark of the U.S. Green Building Council.
UL is a registered trademark of UL LLC. Sherwin-Williams® is a registered trademark of Sherwin-Williams Company. All other trademarks used herein are the property of Armstrong Licensing LLC and/or its affiliates.
© 2016-2017 Armstrong Licensing LLC
Printed in the United States of America.
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 design flexibility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics® performance
- 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), Info: armstrongceilings.com/specials
- 30-Year Limited System Warranty against visible sag, mold, and mildew

TYPICAL APPLICATIONS
- Offices/conference rooms
- Healthcare – assists in addressing HIPAA, HCAHPS and FGI acoustical requirements (excludes items 680 and 683)
- Schools/classrooms
- Corridors
- Lobbies/reception areas
- Computer rooms

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 280.)

1. Mesa™
2. Mesa with Suprafine® 9/16" suspension system
**VISUAL SELECTION**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MESA™</td>
<td>commercial.com/suspensions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>680</td>
<td>24 x 24 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td>683</td>
<td>24 x 48 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>Other Size Panels</td>
<td></td>
<td></td>
<td>W: 12&quot; – 30&quot;; L: 18&quot; – 72&quot;; 3/4&quot; Thick</td>
</tr>
<tr>
<td>9/16&quot; Beveled Tegular</td>
<td>681</td>
<td>24 x 24 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>Other Size Panels</td>
<td></td>
<td></td>
<td>W: 12&quot; – 30&quot;; L: 18&quot; – 72&quot;; 3/4&quot; Thick</td>
</tr>
<tr>
<td>MESA™ Second Look® II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Angled Tegular</td>
<td>688</td>
<td>24 x 48 x 3/4&quot;</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.

**PERFORMANCE SELECTION**

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustic Fire</th>
<th>Light Reflect</th>
<th>Anti-Mold</th>
<th>Scratch</th>
<th>Recycled Low Voc Emissions</th>
<th>Recycled Content</th>
<th>30-Yr. Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRC + CAS</td>
<td>Fire Class Ac</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.60 33 – Class A</td>
<td>0.65</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.60 33 – Class A</td>
<td>0.65</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.60 35 GOOD Class A</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.60 40 GOOD Class A</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.60 35 GOOD Class A</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.60 35 GOOD Class A</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.60 35 GOOD Class A</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.60 35 GOOD Class A</td>
<td>0.85</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

**SUSPENSION SYSTEMS**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot;</td>
<td>Prelude®</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>9/16&quot;</td>
<td>Silhouette® 1/4&quot; Reveal</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td></td>
<td>Silhouette® 1/4&quot; Reveal</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Suprafine®</td>
<td></td>
</tr>
<tr>
<td></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).
  - 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.
- **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 content per FTC guidelines.
- **Insulation Value**: R Factor – 1.6 (BTU units)
  - R Factor – 0.28 (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 – 1.60 lbs/ SF, 48 SF/ctn
  - 688 – 1.02 lbs/ SF, 64 SF/ctn
- **Minimum Order Quantity**: 1 carton, excludes other size panels
- **Metric Items Available**: 680M, 683M, 682M, 681M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

MESA™ is a registered trademark of the U.S. Green Building Council
LEED® is a registered trademark of the U.S. Green Building Council
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)
- Custom options: - Coffers available in coordinating custom colors
- Suspension systems available in coordinating custom colors
- For details on custom infill panels and/or coffer colors, contact TechLine at 1 877 ARMSTRONG

**TYPICAL APPLICATIONS**
- Retail
- Hospitality
- Assisted Living

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

- White (WH)
- Silver Grey (SG)
- Gun Metal Grey (MY)
- Black (BL)
- Made-to-order Sherwin-Williams® colors Available

**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 9/16” suspension system
(Pgs. 399-400)

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

**Infusions®**
- Clear Arbor (TCA)
- Blue Arbor (TBA)
- Refined Kiwi (TRK)
- Refined Reef (TRL)
- Refined Lagoon (TRL)
- Refined Plum (TRP)
- Refined Tangerine (TRL)
- 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 6613 in Lacquered Steel (TLS)
- Item 6614 in White (TWH)
- Item 6614 in Bare Steel (TNA)
- Item 6614 in Lacquered Steel (TLS)
- Extra Microperforated**
- Item 6615 in White (TWH)
- Item 6615 in Bare Steel (TNA)
- Item 6615 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 (NWD)
- Natural Variations Espresso (NWE)

**Ultima®**
- White (WH)

Sherwin-Williams® colors available on coffers and suspension systems.
Contact TechLine at 1-877-276-7876

* 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>Item No.</th>
<th>Description</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/16&quot; or 15/16&quot;</td>
<td>5726...</td>
<td>Crown Coffer</td>
<td>24 x 24 x 3&quot;</td>
</tr>
<tr>
<td>9/16&quot; or 15/16&quot;</td>
<td>5727...</td>
<td>Cove Coffer</td>
<td>24 x 24 x 3&quot;</td>
</tr>
<tr>
<td>9/16&quot; or 15/16&quot;</td>
<td>5728...</td>
<td>Convex Coffer</td>
<td>24 x 24 x 1.94&quot;</td>
</tr>
<tr>
<td>9/16&quot; or 15/16&quot;</td>
<td>5729...</td>
<td>Bead Coffer</td>
<td>24 x 24 x 1.125&quot;</td>
</tr>
</tbody>
</table>

### METAPHORS® Coffers

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/16&quot; or 15/16&quot;</td>
<td>6541...</td>
<td>Infusions® Infill Panel</td>
<td>18 x 18 x 0.125&quot;</td>
</tr>
<tr>
<td>9/16&quot; or 15/16&quot;</td>
<td>6613...</td>
<td>MetalWorks® Tin Infill Panel Unperforated (B1)</td>
<td>18 x 18 x 0.010&quot;</td>
</tr>
<tr>
<td>9/16&quot; or 15/16&quot;</td>
<td>6614...</td>
<td>MetalWorks® Tin Infill Panel Extra Microperforated (B3)</td>
<td>18 x 18 x 0.021&quot;</td>
</tr>
<tr>
<td>15/16&quot;</td>
<td>6615...</td>
<td>WoodWorks® Infill Panel</td>
<td>18 x 18 x 0.75&quot;</td>
</tr>
</tbody>
</table>

### METAPHORS® Infill Panels

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Square Lay-in</td>
<td>6541...</td>
<td>Infusions® Infill Panel</td>
<td>18 x 18 x 0.125&quot;</td>
</tr>
<tr>
<td>Square Lay-in</td>
<td>6613...</td>
<td>MetalWorks® Tin Infill Panel Unperforated (B1)</td>
<td>18 x 18 x 0.010&quot;</td>
</tr>
<tr>
<td>Square Tegular</td>
<td>6648M1...</td>
<td>MetalWorks® Tin Infill Panel Microperforated (M1)</td>
<td>18 x 18 x 0.021&quot;</td>
</tr>
<tr>
<td>Square Tegular</td>
<td>6648M2...</td>
<td>MetalWorks® Tin Infill Panel Extra Microperforated (B3)</td>
<td>18 x 18 x 0.021&quot;</td>
</tr>
<tr>
<td>Beveled Tegular</td>
<td>1918...</td>
<td>Ultima® Infill Panel</td>
<td>18 x 18 x 0.75&quot;</td>
</tr>
</tbody>
</table>

### PHYSICAL DATA

<table>
<thead>
<tr>
<th>Item</th>
<th>Weight</th>
<th>Minimum Order Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>6641 5726 6448 5727 5728 5729</td>
<td>0.89 lbs/SF</td>
<td>4 cartons</td>
</tr>
<tr>
<td>6541 6613 6614 6615 6616</td>
<td>0.8 lbs/SF</td>
<td>4 cartons</td>
</tr>
<tr>
<td>5725 5726 5727 5728 5729</td>
<td>2.35 lbs/SF</td>
<td>4 cartons</td>
</tr>
</tbody>
</table>

### Minimum Order Quantity

- **4 cartons**

### Seismic Restraint

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

### Warranty

- **One (1) year limited warranty.**

- **Details at armstrongceilings.com**

### COFFERS & INFILL PANELS
OPTIMA®
OPTIMA® with Plant-based Binder
Square Lay-in
fine texture

TYPICAL APPLICATIONS
• Open plan offices
• Computer rooms
• Corridors (walls-to-deck)
• Auditoriums
• Waiting rooms/nurses’ stations
• Areas with indirect lighting systems

KEY SELECTION ATTRIBUTES
• Outstanding acoustical performance for open plan areas, both Articulation Class (180-200) and NRC (0.90-1.00)
• Items with PB suffix are manufactured with a plant-based binder
• 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
• Energy-saving high light-reflective finish
• Non-directional visual reduces scrap and installation time
• Sag-resistant large-size panels
• Compatible with TechZone® Ceiling Systems (Pgs. 337-344)
• Item 3352 available with Create!™ printed images and patterns, see pages 245-247
• 30-Year Limited System Warranty against visible sag, mold, and mildew

COLOR
White (WH)

DETAILS
1. Optima® Square Lay-in
2. Optima Square Lay-in with Prelude® 15/16” suspension system

Smooth-textured Optima® panels provide excellent acoustical absorption and more standard-size options than any other texture in the line.
OPTIMA® OPTIMA®
with Plant-based Binder
Square Lay-in
fine texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>OPTIMA®</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>1 1462</td>
<td>4 x 48 x 1”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 1463</td>
<td>4 x 60 x 1”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 1400</td>
<td>6 x 48 x 1”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 1404</td>
<td>6 x 60 x 1”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 3156</td>
<td>20 x 60 x 1”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 3150</td>
<td>24 x 24 x 3/4”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 3152</td>
<td>24 x 24 x 1”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 3352</td>
<td>24 x 24 x 1”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 3159</td>
<td>24 x 24 x 1-1/2”</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. Optima items with the PB suffix are included in the Sustain™ portfolio and carry Declare® certification.

SUSPENSION SYSTEMS

15/16” Prelude®

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 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 X, 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)
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 0.7 can be achieved by backloading fiberglass products with item 769 or 770. Insulation Value
1400, 1404, 1402, 1463, 3152, 3156, 3352 – R Factor – 0.40 (BTU units) R Factor – 0.70 (Watts units) R Factor – 3.0 (BTU units) R Factor – 0.85 (Watts 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; 30 SF/ctn 1404 – 0.14 lbs/SF; 30 SF/ctn 1462 – 0.16 lbs/SF; 30 SF/ctn 1463 – 0.44 lbs/SF; 20 SF/ctn 3152, 3152PB – 0.44 lbs/SF; 128 SF/ctn 3152, 3152PB – 0.45 lbs/SF; 96 SF/ctn 3159 – 0.61 lbs/SF; 64 SF/ctn 3156 – 0.47 lbs/SF; 96 SF/ctn 3152 – 0.45 lbs/SF; 96 SF/ctn
Minimum Order Quantity
1 carton, excludes other size panels
Variety Available
3150M, 3152M, 3156M, 3159M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

Blizzard White – Suspension System Finish
A color and texture coordinated suspension system to complement Optima® ceiling panels for a monolithic look and feel.

OPTIMA®

TechLine 276-7876
armstrongceilings.com/commercial

Armstrong®
CEILING & WALL SOLUTIONS

284
**OPTIMA® OPTIMA®**
with Plant-based Binder
Square Lay-in fine texture

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg. No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3151</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3151PB</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3153</td>
<td>24 x 48 x 1&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3153PB</td>
<td>24 x 48 x 1&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3353</td>
<td>24 x 48 x 1&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3155</td>
<td>24 x 48 x 1-1/2&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3356</td>
<td>24 x 48 x 1-1/2&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3164</td>
<td>24 x 60 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3161</td>
<td>24 x 72 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3162</td>
<td>24 x 96 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3156</td>
<td>30 x 30 x 1&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3157</td>
<td>30 x 60 x 1&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3160</td>
<td>48 x 48 x 1&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3160PB</td>
<td>48 x 48 x 1&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>3154</td>
<td>48 x 96 x 1&quot;</td>
</tr>
</tbody>
</table>

**PERFORMANCE SELECTION**

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>UL Acoustics</th>
<th>Articulation</th>
<th>Fire</th>
<th>Light</th>
<th>Reflect</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Slag &amp; Fume</th>
<th>Recycled</th>
<th>Total Acoustics</th>
<th>+ CAC</th>
<th>Location Dependent</th>
<th>Perforated</th>
<th>Fire + Acoustics</th>
<th>Sand Blasted</th>
<th>Voids</th>
<th>Fire + Acoustics</th>
<th>Paintable</th>
<th>VOC Emissions</th>
<th>Recycled Content</th>
<th>CAC = 0.90</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.90 N/A – 180 Class A</td>
<td>0.90</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>0.90</td>
</tr>
<tr>
<td>0.95 N/A – 190 Class A</td>
<td>0.90</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>0.90</td>
</tr>
<tr>
<td>0.90 26 – 200 Class A</td>
<td>0.90</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>0.90</td>
</tr>
<tr>
<td>1.00 N/A – 200 Class A</td>
<td>0.90</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>0.90</td>
</tr>
<tr>
<td>0.95 26 – 200 Class A</td>
<td>0.90</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>0.90</td>
</tr>
<tr>
<td>0.90 N/A – 180 Class A</td>
<td>0.90</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>0.90</td>
</tr>
<tr>
<td>0.90 N/A – 180 Class A</td>
<td>0.90</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>0.90</td>
</tr>
<tr>
<td>0.90 N/A – 180 Class A</td>
<td>0.90</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>0.90</td>
</tr>
<tr>
<td>0.95 N/A – 190 Class A</td>
<td>0.90</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>0.90</td>
</tr>
<tr>
<td>0.95 N/A – 190 Class A</td>
<td>0.90</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>0.90</td>
</tr>
</tbody>
</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 DeclareTM certification.
**OPTIMA® OPTIMA®**
with Plant-based Binder
Square Lay-in
fine 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>Square Lay-in</td>
<td>FastSize™</td>
<td>1</td>
<td>W: 4&quot; – 48&quot; / L: 4&quot; – 120&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1&quot; Thick</td>
</tr>
<tr>
<td>Other Size Panels</td>
<td>N/A</td>
<td>N/A</td>
<td>Class A 0.90</td>
</tr>
<tr>
<td>Other Size Panels</td>
<td>N/A</td>
<td>N/A</td>
<td>Class A 0.90</td>
</tr>
</tbody>
</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.

**PERFORMANCE SELECTION**

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Articulation</th>
<th>Fire Performance</th>
<th>Acoustic</th>
<th>Fire</th>
<th>Performance</th>
<th>Reflect</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Sag &amp; Def</th>
<th>Resistant</th>
<th>Fire</th>
<th>Ultralow VOC</th>
<th>Emissions</th>
<th>Wash</th>
<th>Impact</th>
<th>Scratch</th>
<th>Recycled Content</th>
<th>Recycled</th>
<th>Program</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Class A 0.90</td>
<td>A</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Class A 0.90</td>
<td>A</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

**SUSPENSION SYSTEMS**

<table>
<thead>
<tr>
<th>15/16&quot;</th>
<th>Prelude®</th>
</tr>
</thead>
</table>

**PHYSICAL DATA**

**Material**
3153, 3155, 3158 – Fiberglass with DuraBrite® acoustically transparent membrane
3353, 3356 – 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

**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)

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

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

**Weight; Square Feet/Carton**
3151, 3151PB – 0.44 lbs/SF; 128 SF/ctn
3153, 3153PB, 3160, 3160PB – 0.45 lbs/SF; 96 SF/ctn
3155, 3356 – 0.61 lbs/SF; 64 SF/ctn
3158 – 0.47 lbs/SF; 75 SF/ctn
3159 – 0.47 lbs/SF; 75 SF/ctn
3353 – 0.46 lbs/SF; 96 SF/ctn
3154 – 0.43 lbs/SF; 128 SF/ctn
3157 – 0.56 lbs/SF; 100 SF/ctn
3161 – 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, excludes other size panels

**Metric Items Available**
3151M, 3153M, 3154M, 3155M, 3158M, 3160M, 3353M, 3356M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

**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 property of AWI Licensing LLC and/or its affiliates
© 2016-2017 AWI Licensing LLC Printed in the United States of America
OPTIMA®
OPTIMA® with Plant-based Binder
Tegular
fine texture

Smooth-textured panels provide excellent acoustical absorption and the most standard sizes of any Armstrong Ceilings product.

KEY SELECTION ATTRIBUTES
- Outstanding acoustical performance for open plan areas, both Articulation Class (180-200) and NRC (0.90-1.00)
- 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
- Energy-saving high light-reflective finish
- Non-directional visual reduces scrap and installation time
- Items with PB suffix are manufactured with a plant-based binder
- Sag-resistant large-size panels
- Compatible with TechZone® Ceiling Systems (Pgs. 337-340)
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- Fast Size™ items available with quick lead times

COLOR
White
(Wh)

TYPICAL APPLICATIONS
- Open plan offices
- Computer rooms
- Corridors (walls-to-deck)
- Auditoriums
- Waiting rooms/nurses’ stations – assists in addressing HIPAA and FBI acoustical requirements
- Areas with indirect lighting systems

Detials (Other Suspension Systems compatible. Refer to listing on page 288.)

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

TechLine 877 276-7876
armstrongceilings.com/commercial
**OPTIMA®**

**OPTIMA® with Plant-based Binder**

**Tegular fine texture**

### VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OPTIMA® Tegular</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Square &amp; Regular</td>
<td>1402</td>
<td>6 x 48 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>1406</td>
<td>6 x 60 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>3264</td>
<td>12 x 24 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>3278</td>
<td>20 x 60 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>3250, 3250PB</td>
<td>24 x 24 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>3354</td>
<td>24 x 24 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>3253</td>
<td>24 x 24 x 1-1/2&quot;</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>3252, 3252PB</td>
<td>24 x 48 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>3281</td>
<td>24 x 72 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>3282</td>
<td>24 x 96 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>3258</td>
<td>30 x 30 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>3286</td>
<td>30 x 60 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>3255, 3255PB</td>
<td>48 x 48 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td><strong>FastSize®</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W: 4&quot; – 48&quot; / L: 4&quot; – 120&quot; 1&quot; Thick</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>1410</td>
<td>4 x 48 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>26, 43, 47, 51, 55</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>1411</td>
<td>4 x 60 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>26, 43, 47, 51, 55</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26, 43, 47, 51, 55</td>
<td>1412</td>
<td>6 x 6 x 1&quot;</td>
<td></td>
</tr>
</tbody>
</table>

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

*These items are not UL classified.

### PHYSICAL DATA

**Materials:***

- 3354 – 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 XII, 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.

**VOC Emissions (PB items only):***


**Primary (Embodied) Energy**

See all LCA information on our EPDs.

**High Recycled Content**

Contains greater than 50% total recycled content.

**Insulation Value**

3250 – R Factor – 6.0 (BTU units) R Factor – 1.05 (Watts units) 3281, 3282 R Factor – 3.0 (BTU units) R Factor – 0.53 (Watts units)

**30-Year Performance Guarantee & Warranty**

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

**Weight: Square Feet/Carton**

1402 – 0.57 lbs/SF; 96 SF/crn
1406 – 0.55 lbs/SF; 96 SF/crn
3250, 3250PB, 3252, 3252PB, 3282 – 0.55 lbs/SF; 96 SF/crn
1410 – 0.55 lbs/SF; 96 SF/crn
1411 – 0.55 lbs/SF; 20 SF/crn
1412 – 0.55 lbs/SF; 96 SF/crn
3253 – 0.78 lbs/SF; 24 SF/crn
3255, 3255PB – 0.55 lbs/SF; 96 SF/crn
3258 – 0.55 lbs/SF; 75 SF/crn
3278, 3286 – 0.55 lbs/SF; 100 SF/crn
3281 – 0.55 lbs/SF; 72 SF/crn
3354 – 0.57 lbs/SF; 96 SF/crn

**Minimum Order Quantity**

1 carton

**Metric Items Available**

3250M, 3252M, 3253M, 3354M – Metric items are subject to extended lead times and minimum quantities.

Contact your representative for more details.

TechLine 877 276-7876

armstrongceilings.com/commercial
OPTIMA® OPTIMA®

with Plant-based Binder

Tegular

fine texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
<th>Optima® Tegular</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>1413</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>1415</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>1403</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>1417</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>1407</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>1409</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3263</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3290</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>1414</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3276</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3266</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3277</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3279</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3251</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3355</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3254</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3280</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3257</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3265</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3261</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3262</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3283</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3268</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3269</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>26, 43, 47, 51, 55</td>
<td>6 x 12 x 1&quot;</td>
<td>3259</td>
</tr>
</tbody>
</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® OPTIMA®**

with Plant-based Binder

fine texture

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg. No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPTIMA® Tegular</td>
<td>9/16&quot; Square</td>
<td>3284 30 x 54 x 1&quot;</td>
</tr>
<tr>
<td>9/16&quot; Square</td>
<td>3289 30 x 56 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>9/16&quot; Square</td>
<td>3285 30 x 60 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>9/16&quot; Square</td>
<td>3287 42 x 48 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>9/16&quot; Square</td>
<td>3288 44 x 48 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>9/16&quot; Square</td>
<td>3266 48 x 48 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>9/16&quot; Square</td>
<td>3249 48 x 54 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>FS FastSize™ Panels</td>
<td>1&quot; Thick</td>
<td>W: 4&quot; – 48&quot; / L: 4&quot; – 120&quot;</td>
</tr>
<tr>
<td>FS FastSize™ Panels</td>
<td>Other Size</td>
<td>W: 4&quot; – 36&quot; / L: 4&quot; – 120&quot;</td>
</tr>
<tr>
<td>FS FastSize™ Panels</td>
<td>Other Size</td>
<td>W: 4&quot; – 42&quot; / L: 4&quot; – 102&quot;</td>
</tr>
<tr>
<td>FS FastSize™ Panels</td>
<td>Other Size</td>
<td>W: 4&quot; – 48&quot; / L: 4&quot; – 90&quot;</td>
</tr>
</tbody>
</table>

**PERFORMANCE SELECTION**

Dots represent high level of performance.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0.95 N/A – 190 Class 0.90</td>
<td>180 CAC – 340 CAC</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.95 N/A – 190 Class 0.90</td>
<td>180 CAC – 340 CAC</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.95 N/A – 190 Class 0.90</td>
<td>180 CAC – 340 CAC</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.95 N/A – 190 Class 0.90</td>
<td>180 CAC – 340 CAC</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.95 N/A – 190 Class 0.90</td>
<td>180 CAC – 340 CAC</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUSPENSION SYSTEMS**

Blizzard White – Suspension System Finish

A color and texture coordinated suspension system to complement Optima® ceiling panels for a monolithic look and feel.

**ACCESSORIES**

(Not included; ordered separately)

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

Recommended for panels 60" and greater in length

**PHYSICAL DATA**

Material: 335S – 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 E1624 Classification

Type XLI, 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 BuildBlock® performance resist the growth of mold and mildew.

VOC Emissions (PB Items only)


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: 0.95

R Factor – 6.0 (BTU units)

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

Weight; Square Feet/Carton:

1403 – 0.55 lbs/SF; 24 SF/ctn

1407 – 0.55 lbs/SF; 30 SF/ctn

1409, 3249, 3251, 3251PB, 3257, 3257PB, 3262, 3262PB – 0.55 lbs/SF; 96 SF/ctn

1413 – 0.55 lbs/SF; 12 SF/ctn

1414, 3263, 3280 – 0.55 lbs/SF; 48 SF/ctn

1415 – 0.55 lbs/SF; 21 SF/ctn

** Declare** is a registered trademark of The International Living Future Institute.

** 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 Armstrong International LLC and its affiliates.

© 2016-2017 Armstrong International LLC Printed in the United States of America
OPTIMA®
OPTIMA® with Plant-based Binder
Vector®
fine texture

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

KEY SELECTION ATTRIBUTES
- 1/4” reveal between acoustical panels results in a monolithic appearance
- 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
- Scratch-resistant
- Soil-resistant
- 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 245-247
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- Fast Size™ items available with quick lead times

TYPICAL APPLICATIONS
- Renovation — installs on existing 15/16” suspension
- Open plan offices
- Lobbies
- Corridors (walls-to-deck)
- Areas with limited plenum depth
- Areas with indirect lighting systems
- Education

COLOR

White
(WH)

DETAILS

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

Optima® Vector® panels with Prelude® 15/16” suspension system (Pgs. 391-392)
**OPTIMA® OPTIMA®**

with Plant-based Binder

**Vector®**

fine texture

## VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg. Pgs.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
<th>OPTIMA® Vector®</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; Staggered with 15/16&quot; Vector</td>
<td>1466</td>
<td>6 x 48 x 7/8&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>1467</td>
<td>6 x 96 x 7/8&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>3902</td>
<td>12 x 24 x 7/8&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>3903</td>
<td>12 x 24 x 7/8&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>3900</td>
<td>24 x 24 x 7/8&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3901</td>
<td>24 x 24 x 7/8&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3908</td>
<td>24 x 48 x 7/8&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3909</td>
<td>24 x 96 x 7/8&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30 x 30 x 7/8&quot;</td>
<td>3904</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30 x 30 x 7/8&quot;</td>
<td>3905</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>48 x 48 x 7/8&quot;</td>
<td>3909</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUSPENSION SYSTEMS**

15/16”

Prelude®

**VECTOR – FIXTURE TRIMS**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Length</th>
<th>Color</th>
<th>Substrate</th>
</tr>
</thead>
<tbody>
<tr>
<td>5790</td>
<td>12”</td>
<td>White</td>
<td>Extruded PVC</td>
</tr>
<tr>
<td>5792</td>
<td>24”</td>
<td>White</td>
<td>Extruded PVC</td>
</tr>
<tr>
<td>5793</td>
<td>30”</td>
<td>White</td>
<td>Extruded PVC</td>
</tr>
<tr>
<td>5793</td>
<td>48”</td>
<td>White</td>
<td>Extruded PVC</td>
</tr>
</tbody>
</table>

**PHYSICAL DATA**

- **Material:** Fiberglass with Durabrite® acoustically transparent membrane
  - 3901, 3903, 3905 – Fiberglass with Durabrite acoustically transparent membrane; CAC backing
  - Surface Finish: Durabrite scrim with factory-applied latex paint
  - Fire Performance: ASTM E4 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. Smoke Developed Index 50 or less (UL labeled)
  - ASTM E1264 Classification: Type X, 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.
  - 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 post-consumer (post-industrial) recycled content per FTC guidelines.

- **Acoustical Details:** Check the back of the panel to check for BioBlock® performance. Some items have CAC backing. CAC backing may be available for special order.

**ACCESSORIES (must be ordered separately)**

- **Item No.**
  - 441: Vector Border Clip (required for installations with the suspension system resting on the wall molding). Primarily used for corners and special cutouts.
  - 442A: Vector Hold-Down Clip (required for installation).
  - 7425 (24”), 7431 (30”), 7445 (48”), 7461 (60”) Stabilizer Bars
  - 522: Mid-point Clip 48” x 48” Vector panels only
  - 7870: Spring Border Clip (For installations with the panel resting on the wall molding)

**PERFORMANCE SELECTION**

Dots represent high level of performance.

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Class A</th>
<th>Reflect</th>
<th>Fire Performance</th>
<th>Anti-Mold</th>
<th>Anti-Mildew</th>
<th>Wet/Guard</th>
<th>Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**FIBERGLASS**

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 AMI Licensing LLC and/or its affiliates

© 2016-2017 AMI Licensing LLC Printed in the United States of America
**OPTIMA® Concealed**

Concealed Suspension

Fine texture acoustical panels with a fully concealed suspension system create a monolithic look with accessibility.

**KEY SELECTION ATTRIBUTES**

- 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

**TYPICAL APPLICATIONS**

- Renovation – installs on existing 15/16" suspension system
- Open plan office areas
- Auditoriums
- Areas with limited plenum depth
- Areas with indirect lighting systems

**COLOR**

- White (WH)

**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>Susp. Dwg.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPTIMA® Concealed</td>
<td>8537</td>
<td>24 x 48 x 7/8&quot;</td>
<td></td>
</tr>
<tr>
<td>Quick Kerf™ Edge</td>
<td>8535</td>
<td>24 x 72 x 7/8&quot;</td>
<td></td>
</tr>
<tr>
<td>Non-support Edge</td>
<td>8536</td>
<td>24 x 96 x 7/8&quot;</td>
<td></td>
</tr>
<tr>
<td>106</td>
<td>8534</td>
<td>30 x 30 x 7/8&quot;</td>
<td></td>
</tr>
<tr>
<td>106</td>
<td>8538</td>
<td>48 x 48 x 7/8&quot;</td>
<td></td>
</tr>
<tr>
<td>106</td>
<td>8539</td>
<td>48 x 48 x 7/8&quot;</td>
<td></td>
</tr>
<tr>
<td>106</td>
<td>FastSize™ Panels</td>
<td>W: 4&quot; – 30&quot; / L: 12&quot; – 96&quot;</td>
<td></td>
</tr>
</tbody>
</table>


dots represent high level of performance. 

PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Quick Kerf™ Edge</th>
<th>Non-support Edge</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.90 – – 190 Class A</td>
<td>– – 190 Class A</td>
<td></td>
</tr>
<tr>
<td>0.90 – – 190 Class A</td>
<td>– – 190 Class A</td>
<td></td>
</tr>
<tr>
<td>0.90 – – 190 Class A</td>
<td>– – 190 Class A</td>
<td></td>
</tr>
<tr>
<td>0.90 – – 190 Class A</td>
<td>– – 190 Class A</td>
<td></td>
</tr>
<tr>
<td>0.90 – – 190 Class A</td>
<td>– – 190 Class A</td>
<td></td>
</tr>
<tr>
<td>0.90 – – 190 Class A</td>
<td>– – 190 Class A</td>
<td></td>
</tr>
<tr>
<td>0.90 – – 190 Class A</td>
<td>– – 190 Class A</td>
<td></td>
</tr>
</tbody>
</table>

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

** GOOD ** (NRC 0.69-0.75; CAC 35+) ** BETTER ** (NRC 0.70-0.75; CAC 35+) ** BEST ** (NRC 0.80+; CAC 35+)


CONCEALED – FIXTURE TRIMS

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Length</th>
<th>Pcs</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTP42ZW</td>
<td>4&quot; Concealed Fixture Kit</td>
<td>24</td>
<td>Blizzard White</td>
</tr>
<tr>
<td>FTP62ZW</td>
<td>6&quot; Concealed Fixture Kit</td>
<td>24</td>
<td>Blizzard White</td>
</tr>
<tr>
<td>FTP24ZW</td>
<td>24&quot; Concealed Fixture Kit</td>
<td>24</td>
<td>Blizzard White</td>
</tr>
<tr>
<td>FTP48ZW</td>
<td>48&quot; Concealed Fixture Kit</td>
<td>24</td>
<td>Blizzard White</td>
</tr>
<tr>
<td>FTP96ZW</td>
<td>96&quot; Concealed Fixture Kit</td>
<td>24</td>
<td>Blizzard White</td>
</tr>
</tbody>
</table>

Other Size Fixtures (custom colors available)

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 (24&quot;)</td>
<td>Stabilizer Bars</td>
</tr>
<tr>
<td>7431 (30&quot;)</td>
<td></td>
</tr>
<tr>
<td>7445 (48&quot;)</td>
<td></td>
</tr>
<tr>
<td>7461 (60&quot;)</td>
<td></td>
</tr>
<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>

SUSPENSION SYSTEMS

15/16" Item No. 15/16" Quick Kerf™ Edge Pretule® XL®

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.

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.

Acoustical Details
Some items have CAC backing. CAC backing may be available as a special order.

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 – 3.5 (BTU units)
R Factor – 0.62 (Watts units)

Design Consideration
Use fixture trim kit around all lights, diffusers, and other ceiling penetrations to avoid exposed suspension system and panel edges. Panel sizes less than 24" x 24" are not recommended for full-field installations. Border panels in a seismic installation will not be accessible. To ensure border panels are accessible in other areas, consult installation instructions section 3.7.2

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/Caraton
8534 – 0.55 lbs/3F, 75 SF/ctn
8535 – 0.55 lbs/3F, 72 SF/ctn
8536, 8537 – 0.55 lbs/3F, 96 SF/ctn
8538, 8539 – 0.55 lbs/3F, 64 SF/ctn

Minimum Order/Quantity
1 carton

** CEILING & WALL SOLUTIONS **

** 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 **

© 2016-2017 AWI Licensing LLC Printed in the United States of America
OPTIMA® Health Zone™
Square Lay-in, Tegular
fine texture

This absorptive ceiling panel meets USDA/FSIS guidelines for use in food preparation/kitchens, and Clean Room assemblies.

KEY SELECTION ATTRIBUTES
- Clean Rooms up to ISO Class 5 (Items 3114, 3115, 3214, 3215 with Clean Room™ suspension system)
- 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
- Exceeds FGI guidelines for acoustics and cleanability in general healthcare spaces
- Smooth, clean, durable finish – Impact-resistant, Scratch-resistant, and Soil-resistant
- Long-lasting water-repellency
- Washable and Scrubbable
- Safe for use with disinfectants
- Meets USDA/FSSS 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 (Other Suspension Systems compatible. Refer to listing on page 296.)

1. Optima® Health Zone™ Square Lay-In
2. Optima Health Zone 15/16” Square Tegular
3. Optima Health Zone 9/16” Square Tegular
4. Optima Health Zone Square Lay-in with Clean Room™ 15/16” suspension system
5. Optima Health Zone Square Tegular with Prelude XL 15/16” suspension system
6. Optima Health Zone PB Square Tegular with Interlude® XL® HRC 9/16” 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

plus... capabilities
to do more
armstrongceilings.com/capabilities
See more photos at: armstrongceilings.com/photogallery
OPTIMA® Health Zone™
Square Lay-in, Tegular
fine texture

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPTIMA® Health Zone®</td>
<td>15/16&quot;</td>
<td>24 x 24 x 1&quot;</td>
</tr>
<tr>
<td>Square Lay-in</td>
<td>1, 6, 7</td>
<td></td>
</tr>
<tr>
<td>15/16&quot;</td>
<td>3114PB</td>
<td>24 x 24 x 1-1/2&quot;</td>
</tr>
<tr>
<td>15/16&quot;</td>
<td>3115PB</td>
<td>24 x 48 x 1&quot;</td>
</tr>
<tr>
<td>15/16&quot;</td>
<td>3315</td>
<td>24 x 48 x 1-1/2&quot;</td>
</tr>
<tr>
<td>15/16&quot;</td>
<td>1 Other</td>
<td>W: 4&quot; – 47&quot; / L: 12&quot; – 48&quot; 1&quot; Thick</td>
</tr>
<tr>
<td>15/16&quot;</td>
<td>8, 10</td>
<td></td>
</tr>
<tr>
<td>Square Tegular</td>
<td>3214PB</td>
<td>24 x 24 x 1&quot;</td>
</tr>
<tr>
<td>15/16&quot;</td>
<td>3215</td>
<td>24 x 48 x 1&quot;</td>
</tr>
<tr>
<td>15/16&quot;</td>
<td>8, 10</td>
<td></td>
</tr>
<tr>
<td>15/16&quot;</td>
<td>3316</td>
<td>24 x 24 x 1-1/2&quot;</td>
</tr>
<tr>
<td>15/16&quot;</td>
<td>3216</td>
<td>24 x 24 x 1-1/2&quot;</td>
</tr>
<tr>
<td>15/16&quot;</td>
<td>3217PB</td>
<td>24 x 48 x 1&quot;</td>
</tr>
<tr>
<td>15/16&quot;</td>
<td>8, 10</td>
<td></td>
</tr>
<tr>
<td>Ledges</td>
<td>3114PB</td>
<td>24 x 24 x 1&quot;</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>3115PB</td>
<td>24 x 48 x 1&quot;</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>3215</td>
<td>24 x 48 x 1-1/2&quot;</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>1 Other</td>
<td>W: 4&quot; – 47&quot; / L: 12&quot; – 48&quot; 1&quot; Thick</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>8, 10</td>
<td></td>
</tr>
<tr>
<td>Size Panels</td>
<td>3116</td>
<td>24 x 24 x 1-1/2&quot;</td>
</tr>
<tr>
<td>Size Panels</td>
<td>3216</td>
<td>24 x 24 x 1-1/2&quot;</td>
</tr>
<tr>
<td>Size Panels</td>
<td>3217PB</td>
<td>24 x 48 x 1&quot;</td>
</tr>
<tr>
<td>Size Panels</td>
<td>8, 10</td>
<td></td>
</tr>
<tr>
<td>Size Panels</td>
<td>3218PB</td>
<td>24 x 48 x 1&quot;</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>3316</td>
<td>24 x 24 x 1-1/2&quot;</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>3317</td>
<td>24 x 48 x 1-1/2&quot;</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>8, 10</td>
<td></td>
</tr>
<tr>
<td>Size Panels</td>
<td>3317</td>
<td>24 x 48 x 1-1/2&quot;</td>
</tr>
</tbody>
</table>

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

**PHYSICAL DATA**

Material
3114PB, 3115PB, 3214PB, 3215PB, 3216PB, 3217PB – 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 E1624 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 & Bacteria Protection
Optima® HealthZone™ ceiling panels with BioBlock®

Insulation Value
Btu Factor – 0.86 (Watts units)

Acoustic Details
Some ceiling systems have CAC backing. CAC backing may be available as a special order. CAC value of 37 can be achieved by backing soft fiber products with item 799 or 770.

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 mild detergent and wipe surface. To disintegrate panel, lightly spray surface and wipe clean with a clean, white cloth. Acceptable colorless disinfectants include:
• Sodium hypochlorite
• Hydrogen peroxide
• Quaternary ammonium

**PERFORMANCE SELECTION**

**SUSPENSION SYSTEMS**

<table>
<thead>
<tr>
<th>Clean Room (Aluminum)</th>
<th>Optima® Health Zone</th>
<th>Clean Room (Steel or Aluminum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1/2”</td>
<td>1/2”</td>
<td>15/16”</td>
</tr>
<tr>
<td>1/2”</td>
<td>1/2”</td>
<td>15/16”</td>
</tr>
<tr>
<td>Silhouette® XL® 1/4”</td>
<td>Suprafine®</td>
<td>Sonata® XL®</td>
</tr>
<tr>
<td>Silhouette® XL® 1/8”</td>
<td>Interlude® XL® HRC</td>
<td></td>
</tr>
<tr>
<td>Reveal</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FIBERGLASS**

Armstrong ceilings are a registered trademark of Armstrong World Industries, Inc. Armstrong ceilings.com/commercial (search: optima health zone) BPCS-4261-517
OPTIMA® Radial
Custom Lay-in & Tegular Ceiling System

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

TYPICAL APPLICATIONS

- Office
- Education
- Hospitality and retail
- Healthcare
- Transportation

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 Lay-in or Tegular</th>
<th>Panels</th>
<th>Length</th>
<th>Width</th>
<th>System Capabilities</th>
<th>Suspension System</th>
</tr>
</thead>
<tbody>
<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

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

Minimum Radius: 12”-0”
(12” minimum panel edge)

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

Width:
• Trapezoid panels are available in widths from 12” to 48”

Length:
• 8 lengths are available in the following 6” increments:
  24”, 30”, 36”, 42”, 48”, 54”, 60”, and 66”

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
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
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
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

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
© 2016-2017 AWI Licensing LLC Printed in the United States of America
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

TYPICAL APPLICATIONS
- Open plan offices used for focus, collaboration, and teaming
- Areas requiring superior acoustics and sag resistance

COLOR

White

DETAILS
1. Painted Nubby™ Tegular
2. Painted Nubby Tegular with Silhouette® 9/16" suspension system 1/4" reveal
### VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg. No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAINTED NUBBY™ Square Lay-in</td>
<td>1 3102</td>
<td>24 x 24 x 1”</td>
</tr>
<tr>
<td>1 3101</td>
<td>24 x 48 x 3/4”</td>
<td></td>
</tr>
<tr>
<td>1 3103</td>
<td>24 x 48 x 1”</td>
<td></td>
</tr>
<tr>
<td>1 3104</td>
<td>48 x 96 x 1”</td>
<td></td>
</tr>
<tr>
<td>1 Other Size Panels</td>
<td>W: 4” – 48” / L: 4” – 120” 3/4” or 1” Thick</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg. No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAINTED NUBBY™ Square Tegular</td>
<td>8 3200</td>
<td>24 x 24 x 1”</td>
</tr>
<tr>
<td>26, 43, 47, 51, 55 3201</td>
<td>24 x 24 x 1”</td>
<td></td>
</tr>
<tr>
<td>26, 43, 47, 51, 55 Other Size Panels</td>
<td>W: 4” – 48” / L: 4” – 120” 3/4” or 1” Thick</td>
<td></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>Edge Profile</th>
<th>System</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16”</td>
<td>Prelude®</td>
</tr>
<tr>
<td>9/16”</td>
<td>Silhouette® XL® 1/4” Reveal</td>
</tr>
<tr>
<td></td>
<td>Silhouette XL® 1/8” Reveal</td>
</tr>
<tr>
<td></td>
<td>Suprafine® XL®</td>
</tr>
<tr>
<td></td>
<td>Interlude® XL® HRC</td>
</tr>
<tr>
<td></td>
<td>Sonata® XL®</td>
</tr>
</tbody>
</table>

### PHYSICAL DATA

- **Material:** Fiberglass with fabric facing
- **Surface Finish:** Factory-applied latex paint
- **Fire Performance:**
  - ASTM E84 and CAI/ULC S102 surface burning characteristics, Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)
  - ASTM E1264 Classification Type II, 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)
- 3102, 3103, 3104, 3200, 3201 – R Factor: 4.0 (BTU units)
- 3102 – R Factor: 0.53 (Watts units)
- 3102, 3103, 3104, 3200, 3201 – R Factor: 0.70 (Watts units)

**Certified Low VOC Emissions:** Available in Class A.

**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/carton
- 3102, 3103 – 0.46 lbs/SF; 96 SF/carton
- 3104 – 0.46 lbs/SF; 128 SF/carton
- 3200, 3201 – 0.55 lbs/SF; 96 SF/carton

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

TYPICAL APPLICATIONS

- Discount/grocery stores
- Locker rooms
- Utility rooms
- Lavatories/restrooms

COLOR

White

DETAILS

1. Pebble™
2. Pebble with Prelude® 15/16" suspension system
PEBBLE™
Square Lay-in
medium texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PEBBLE™ (Perforated)</td>
<td>15/16” Square Lay-in</td>
<td>1 2983</td>
<td>24 x 48 x 5/8”</td>
</tr>
<tr>
<td></td>
<td>1 2970</td>
<td>24 x 60 x 5/8”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 Other Size Panels</td>
<td>W: 12” – 30” / L: 12” – 60” 5/8” Thick</td>
<td></td>
</tr>
<tr>
<td>PEBBLE High NRC (Perforated)</td>
<td>15/16” Square Lay-in</td>
<td>1 2988</td>
<td>24 x 24 x 1”</td>
</tr>
<tr>
<td></td>
<td>1 2989</td>
<td>24 x 48 x 1”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 Other Size Panels</td>
<td>W: 12” – 30” / L: 12” – 60” 1” Thick</td>
<td></td>
</tr>
<tr>
<td>PEBBLE (Unperforated)</td>
<td>15/16” Square Lay-in</td>
<td>1 2968</td>
<td>24 x 48 x 5/8”</td>
</tr>
<tr>
<td></td>
<td>1 Other Size Panels</td>
<td>W: 12” – 30” / L: 12” – 60” 5/8” Thick</td>
<td></td>
</tr>
</tbody>
</table>

PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustical Fire Performance Light Reflect. Anti-Mold &amp; Mildew Humi-Guard+ Bio-Block</th>
<th>Flame Spread Index</th>
<th>Smoke Developed Index</th>
<th>NRC</th>
<th>CAC</th>
<th>Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.70 N/A – Class A 0.89</td>
<td>• – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • –</td>
<td>0.89</td>
<td>• – • – • – • – • – • – • – • – • – • – • – • – • – • – • –</td>
<td>0.89</td>
<td>N/A – N/A – N/A 0.89</td>
<td>N/A – N/A – N/A 0.89</td>
</tr>
<tr>
<td>0.70 N/A – Class A 0.89</td>
<td>• – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • –</td>
<td>0.89</td>
<td>• – • – • – • – • – • – • – • – • – • – • – • – • – • – • –</td>
<td>0.89</td>
<td>N/A – N/A – N/A 0.89</td>
<td>N/A – N/A – N/A 0.89</td>
</tr>
<tr>
<td>0.80 N/A – Class A 0.89</td>
<td>• – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • –</td>
<td>0.89</td>
<td>• – • – • – • – • – • – • – • – • – • – • – • – • – • – • –</td>
<td>0.89</td>
<td>N/A – N/A – N/A 0.89</td>
<td>N/A – N/A – N/A 0.89</td>
</tr>
<tr>
<td>0.80 N/A – Class A 0.89</td>
<td>• – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • –</td>
<td>0.89</td>
<td>• – • – • – • – • – • – • – • – • – • – • – • – • – • – • –</td>
<td>0.89</td>
<td>N/A – N/A – N/A 0.89</td>
<td>N/A – N/A – N/A 0.89</td>
</tr>
<tr>
<td>0.50 N/A – Class A 0.89</td>
<td>• – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • – • –</td>
<td>0.89</td>
<td>• – • – • – • – • – • – • – • – • – • – • – • – • – • – • –</td>
<td>0.89</td>
<td>N/A – N/A – N/A 0.89</td>
<td>N/A – N/A – N/A 0.89</td>
</tr>
</tbody>
</table>

SUSPENSION SYSTEMS

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16” Prelude®</td>
<td></td>
<td></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.
Acoustical Details
A CAC value of 37 can be achieved by backloading fiberglass products with Item 769 or 770.
Insulation Value
2968, 2970, 2983 – R Factor - 2.6 (BTU units) R Factor - 0.48 (Watts units) 2988, 2989, 2987 – R Factor - 4.8 (BTU units) R Factor - 0.70 (Watts units)

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
© 2016-2017 AWI Licensing LLC Printed in the United States of America
**RANDOM FISSURED™**

Square Lay-in medium texture

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

**TYPICAL APPLICATIONS**

- Discount/grocery stores
- Locker rooms
- Utility rooms
- Lavatories/restrooms

**COLOR**

White

---

**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>RANDOM FISSURED (Perforated)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>1</td>
<td>2908</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td>1</td>
<td>2910</td>
<td>24 x 48 x 5/8&quot;</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Other Size Panels</td>
<td>W: 12&quot; – 30&quot; / L: 12&quot; – 60&quot;</td>
<td></td>
</tr>
<tr>
<td>RANDOM FISSURED (Unperforated)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>1</td>
<td>2909</td>
<td>24 x 24 x 5/8&quot;</td>
</tr>
<tr>
<td>1</td>
<td>2911</td>
<td>24 x 48 x 5/8&quot;</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Other Size Panels</td>
<td>W: 12&quot; – 30&quot; / L: 12&quot; – 60&quot;</td>
<td></td>
</tr>
</tbody>
</table>

---

**PERFORMANCE**

Dots represent high level of performance.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0.70 N/A - Class A 0.72</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>R Factor - 2.6</td>
</tr>
<tr>
<td>0.70 N/A - Class A 0.72</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>R Factor - 0.46</td>
</tr>
<tr>
<td>0.55 N/A - Class A 0.72</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>R Factor - 0.46</td>
</tr>
<tr>
<td>0.55 N/A - Class A 0.72</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>R Factor - 0.46</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).
- 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.

---

**LEED®**

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

© 2016-2017 AWI Licensing LLC Printed in the United States of America

**TechLine / 1 877 276-7876**
armstrongceilings.com/commercial
(search: random fissured)

**BPCS-3696-517**

---

**Random Fissured™ panels with Prelude® 15/16" suspension system (Pgs. 391-392)**
## SHASTA®

**Square Lay-in**

Medium texture

This economical panel provides sound absorption with a medium-textured, easy-to-clean, durable vinyl surface.

### VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg. Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SHASTA® (Perforated)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>1 2904</td>
<td>24 x 24 x 5/8”</td>
</tr>
<tr>
<td></td>
<td>1 2906</td>
<td>24 x 48 x 5/8”</td>
</tr>
<tr>
<td></td>
<td>1 Other Size Panels</td>
<td>W: 12” – 30” / L: 12” – 60” 5/8” Thick</td>
</tr>
</tbody>
</table>

| **SHASTA® (Unperforated)** | | |
| 15/16” Square Lay-in | 1 2905 | 24 x 24 x 5/8” |
| | 1 2907 | 24 x 48 x 5/8” |
| | 1 Other Size Panels | W: 12” – 30” / L: 12” – 60” 5/8” Thick |

### PERFORMANCE

| UL Classified Acoustics | 50/125 | Total Acoustical Fire Performance Impact Resistance Bio-Block Humi-Guard+ Durability |
|-------------------------|--------|---------------------------------|--------------------------------|----------------------------|---------------------|
| SHASTA® (Perforated)    |        |                                |                                |                            |                     |
| 15/16” Square Lay-in    |        |                                |                                |                            |                     |
| 2904                    | 0.70   | N/A – Class A                  | •                              | •                          | –                   |
| 2906                    | 0.70   | N/A – Class A                  | •                              | •                          | –                   |
| Other Size Panels       | N/A    | Class A                        | •                              | N/A – Class A              | –                   |

### SUSPENSION SYSTEMS

15/16”

<table>
<thead>
<tr>
<th>Profile</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prelude®</td>
<td>Armstrong® Suspension System</td>
</tr>
</tbody>
</table>

### PHYSICAL DATA

**Material**
Fiberglass with vinyl facing

**Surface Finish**
Scrubbable vinyl film facing (UV protected)

**Fire Performance**
ASTM E84 and CAI/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**
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.

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

**Insulation Value**
R Factor - 0.46 (Watts units)

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

**Miscellaneous**

- **Weight**: Square Feet/Carton 0.17 lb/30” x 128” x8”
- **Minimum Order Quantity**: 1 carton, excludes other size 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.

TechLine / 1 877 276-7876
armstrongceilings.com/commercial
(search: shasta)
BPCS-3697-517

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
© 2016-2017 AWI Licensing LLC  Printed in the United States of America
School Zone® FINE FISSURED™ & School Zone® GEORGIAN™
Square Lay-in
medium texture

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

TYPICAL APPLICATIONS
- Schools
- Healthcare — assists in addressing HIPAA and FGI acoustical requirements
- Libraries/band rooms
- Corridors

COLOR
- White
  (WH)

DETAILS (Other Suspension Systems compatible. Refer to listing on page 306.)
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

This panel is a good choice for classrooms with economical, non-directional ceilings and improved acoustics.
## VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>School Zone® FINE FISSURED™</strong></td>
<td>407-411</td>
<td>1713</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td></td>
<td>1810</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td>15/16” Angled Tegular</td>
<td>13</td>
<td>1714</td>
<td>24 x 48 x 3/4”</td>
</tr>
<tr>
<td>9/16” Beveled Tegular</td>
<td>29, 44, 48, 52, 56</td>
<td>1719</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td><strong>School Zone® GEORGIAN™</strong></td>
<td></td>
<td>796</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>1</td>
<td>795</td>
<td>24 x 48 x 3/4”</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>15/16”</th>
<th>9/16”</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prelude®</strong></td>
<td><strong>Silhouette®</strong></td>
</tr>
<tr>
<td><strong>Supratine®</strong></td>
<td><strong>Interlude® XL® HRC</strong></td>
</tr>
<tr>
<td><strong>Sonata® XL®</strong></td>
<td><strong>Silhouette®</strong></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 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.

### VDC Emissions


### Low Recycled Content

- **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

- **School Zone® FINE FISSURED™:** R Factor – 1.5 (BTU units) R Factor – 0.26 (Watts units)
- **School Zone® GEORGIAN™:** R Factor – 1.6 (BTU units) R Factor – 0.28 (Watts units)

### ENERGY STAR®

- Energy Star compliant products.

### LEED®

- Calculated LEED® credits: 0.56
  - 56% recycled content
  - 1.38 lbs/SF
  - 64 SF/ctn

### 30-Year Performance Guarantee & Warranty

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

### Minimum Order Quantity

- 1 carton

### Metric Items Available

- Items 1810, 1811 – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

---

*School Zone® FINE FISSURED™ & School Zone® GEORGIAN™ Square Lay-in medium texture*

---

*Tech Line / 1 877 276-7876 armstrongceilings.com/commercial (search: school zone) BPCS-4629-517*
TINCRAFT™
Circles, Squares & Triangles
Tegular
smooth texture

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)

TYPICAL APPLICATIONS
- Specialty shops/stores
- Restaurants
- Dining areas

NOTE: Not recommended for areas requiring acoustical performance

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

Copper (CP)
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 308.)

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

TechLine 877 276-7876
armstrongceilings.com/commercial
**TINCRAFT™**

Circles, Squares & Triangles

Tegular

smooth texture

---

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TINCRAFT™ Circles</strong></td>
<td>407-411</td>
<td>8008</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td><strong>TINCRAFT Squares</strong></td>
<td>25</td>
<td>8009</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td><strong>TINCRAFT Triangles</strong></td>
<td>25</td>
<td>8010</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
</tbody>
</table>

Images represent a 12" x 12" section of panel.

---

**PERFORMANCE SELECTION**

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>NRC</th>
<th>Class</th>
<th>Total Acoustics</th>
<th>Fire Performance</th>
<th>Light Reflect (White only)</th>
<th>Anti-Mold</th>
<th>Std</th>
<th>Std</th>
<th>Std</th>
<th>Std</th>
<th>1-Yr</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TINCRAFT™ Circles</strong></td>
<td>35</td>
<td>A</td>
<td>0.78</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1-Yr</td>
</tr>
<tr>
<td><strong>TINCRAFT Squares</strong></td>
<td>35</td>
<td>A</td>
<td>0.78</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1-Yr</td>
</tr>
<tr>
<td><strong>TINCRAFT Triangles</strong></td>
<td>35</td>
<td>A</td>
<td>0.78</td>
<td>Std</td>
<td>Std</td>
<td>Std</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1-Yr</td>
</tr>
</tbody>
</table>

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

- Add 2-letter color suffix to item number when specifying or ordering (e.g., 8008 P W).

---

**SUSPENSION SYSTEMS**

<table>
<thead>
<tr>
<th>Profile</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot;</td>
<td>Prelude®</td>
</tr>
<tr>
<td>9/16&quot;</td>
<td>Suprafine®</td>
</tr>
</tbody>
</table>

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.

**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/Carton**

8008 – 8.30 lbs/SF; 48 SF/ctn
8009, 8010 – 1.23 lbs/SF; 32 SF/ctn

**Minimum Order Quantity**

1 carton

---

Armstrong

CEILING & WALL SOLUTIONS

MINERAL FIBER

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 © 2016–2017 AWI Licensing LLC Printed in the United States of America
Durable Tundra® 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

**TYPICAL APPLICATIONS**

- Offices
- Schools
- Corridors

**COLOR**

- White (WH)

**DETAILS** (Other Suspension Systems compatible. Refer to listing on page 310.)

1. Tundra® Beveled Tegular
2. Tundra with Suprafine® 9/16" suspension system
TUNDRA®
Square Lay-in & 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” Square Lay-in</td>
<td>301</td>
<td>24 x 24 x 5/8”</td>
<td></td>
</tr>
<tr>
<td>15/16” Beveled Tegular</td>
<td>303</td>
<td>24 x 24 x 5/8”</td>
<td></td>
</tr>
<tr>
<td>9/16” Beveled Tegular</td>
<td>304</td>
<td>24 x 24 x 5/8”</td>
<td></td>
</tr>
</tbody>
</table>

PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Fire Limit Performance</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Sag Resist</th>
<th>Certifying Low VOC Emissions</th>
<th>Impact</th>
<th>Scratch</th>
<th>Recycled Content</th>
<th>30-Year Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.50 33 – Class A</td>
<td>0.87 – Class A</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
</tr>
<tr>
<td>0.50 35 – Class A</td>
<td>0.87 – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
</tr>
<tr>
<td>0.50 33 – Class A</td>
<td>0.87 – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
</tr>
<tr>
<td>0.50 35 – Class A</td>
<td>0.87 – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
<td>• – – – – – Std</td>
</tr>
</tbody>
</table>

Performance Selection: Dots represent high level of performance.

$SSS$

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

Material
Wet-formed, high-density mineral fiber

Surface Finish
Factory-applied latex paint with scuff-resistant spatter coat

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

Acoustical Testing
CAE 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)

Physical Data

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
303, 304 – 1.10 lbs/SF

Minimum Order Quantity
1 carton, excludes other size panels.

Metric Items Available
302M, 303M, 304M, 305M, 304M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

Armstrong
CEILING & WALL SOLUTIONS

310

TechLine / 1 877 276-7876
armstrongceilings.com/commercial (search: tundra)
BPCS-3038-517

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
© 2016-2017 AWI Licensing LLC Printed in the United States of America
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

- Get total noise control and design flexibility 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 and blocking for Total Acoustics® performance
- 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 – see pages 245-247
- Non-directional visual reduces scrap and installation time
- Compatible with TechZone® Ceiling Systems (Pgs. 337-344)
- 30-Year Limited System Warranty against visible sag, mold, and mildew

COLOR

White
(WH)

DETAILS

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

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

See more photos at: armstrongceilings.com/photogallery
SEARCH: ultima
### ULTIMA® High NRC

**Square Lay-in**

**fine texture**

#### VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Pgs.</th>
<th>Item No.</th>
<th>Dimensions (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>407-411</td>
<td>1940</td>
<td>24 x 24 x 7/8&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>407-411</td>
<td>1943</td>
<td>24 x 48 x 7/8&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>407-411</td>
<td>1432</td>
<td>24 x 60 x 7/8&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>407-411</td>
<td>1435</td>
<td>24 x 72 x 7/8&quot;</td>
</tr>
</tbody>
</table>

**Other Size Panels**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Dimensions (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>W: 12&quot; - 24&quot; / L: 24&quot; - 60&quot; 7/8&quot; Thick</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>R Factor – (Watts units)</th>
<th>Insulation Value</th>
<th>VOC Emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEST 170 Class 0.87</td>
<td>R Factor – 0.39</td>
<td>30-Year Performance Guarantee &amp; Warranty</td>
<td>Third-party certified compliant with California Department of Public Health COPD/VEHLD/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/GBC Green Building Assessment Protocol.</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+) **BEETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

#### SUSPENSION SYSTEMS

15/16" Blizzard White – Suspension System Finish

- **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
- 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.

**VOC Emissions**

**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**
- 1940 – 1.04 lbs/SF; 72 SF/ctn
- 1943 – 1.125 lbs/SF; 48 SF/ctn

**Minimum Order Quantity**
- 1 carton

**Metric Items Available**
- 1940M, 1943M – Metric items subject to extended lead times and minimum quantities.
**ULTIMA® High NRC**

Square Lay-in fine texture

<table>
<thead>
<tr>
<th>Visual Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Edge Profile</strong></td>
</tr>
<tr>
<td>ULTIMA®</td>
</tr>
<tr>
<td>1420</td>
</tr>
<tr>
<td>1990</td>
</tr>
<tr>
<td>1991</td>
</tr>
<tr>
<td>1992</td>
</tr>
<tr>
<td>1910</td>
</tr>
<tr>
<td>1913</td>
</tr>
<tr>
<td>1984</td>
</tr>
<tr>
<td>1980</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Performance Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UL Classifed Acoustics</strong></td>
</tr>
<tr>
<td>N/A</td>
</tr>
<tr>
<td>N/A</td>
</tr>
<tr>
<td>0.65</td>
</tr>
<tr>
<td>0.65</td>
</tr>
<tr>
<td>0.65</td>
</tr>
<tr>
<td>0.75</td>
</tr>
<tr>
<td>0.75</td>
</tr>
<tr>
<td>0.75</td>
</tr>
<tr>
<td>N/A</td>
</tr>
</tbody>
</table>

- **FastSize™ Panels**: W: 4" - 24" / L: 4" - 72" / 3/4" Thick

- **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 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 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.

- **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**: 313 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

- **Minimum Order Quantity**: 1 carton

- **Metric Items Available**: 1910M, 1913M – Metric items subject to extended lead times and minimum quantities.
ULTIMA® High NRC
Square Lay-in
fine texture

VISUAL SELECTION

<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>1900</td>
<td>24 x 24 x 3/4&quot;</td>
</tr>
<tr>
<td>15/16&quot; Square Lay-in</td>
<td>1903</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
</tbody>
</table>

PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Fire Performance</th>
<th>Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.75</td>
<td>35</td>
<td>BETTER – Class 0.90</td>
</tr>
</tbody>
</table>

SUSPENSION SYSTEMS

15/16" Prelude®
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
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

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. NRC items contain 15% or greater post-consumer recycled ceilings.

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

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
 © 2016-2017 AWI Licensing LLC Printed in the United States of America
ULTIMA®
ULTIMA® High NRC

Tegular
fine texture

A smooth visual ceiling with Total Acoustics® performance, sound absorption, and blocking needed for today’s flexible spaces.

KEY SELECTION ATTRIBUTES
- Get total noise control and design flexibility 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
- High CAC for excellent sound blocking – items 1894, 1895, 1951, 1962
- Ceiling-2-Ceiling™ Post-consumer Recycled Content options: items 1911HRC, 1912HRC, 1913HRC, 71% Pre-consumer, 15% Post-consumer
- USDA-Certified Biobased Product – 88%
- Visual coordinates with Optima® panels for mixed (open/closed plan) applications
- Item 1912 available with Createl® printed images and patterns – see pages 245-247
- Non-directional visual reduces scrap and installation time
- Compatible with the TechZone® Ceiling Systems (Pgs. 337-344)
- 30-Year Limited System Warranty against visible sag (excludes items 1905 and 1929), mold, and mildew

COLOR

White

(All)

DETAILS (Other Suspension Systems compatible. Refer to listing on page 316.)
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

See more photos at: armstrongceilings.com/photogallery

SEARCH: ultima
ULTIMA®
ULTIMA® High NRC

Tegular
fine texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ULTIMA® High NRC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Beveled Tegular</td>
<td>1941</td>
<td></td>
<td></td>
<td>24 x 24 x 7/8&quot;</td>
</tr>
<tr>
<td>15/16&quot; Beveled Tegular</td>
<td>1944</td>
<td></td>
<td></td>
<td>24 x 48 x 7/8&quot;</td>
</tr>
<tr>
<td>15/16&quot; Beveled Tegular</td>
<td>1943</td>
<td></td>
<td></td>
<td>24 x 60 x 7/8&quot;</td>
</tr>
<tr>
<td>15/16&quot; Beveled Tegular</td>
<td>1946</td>
<td></td>
<td></td>
<td>24 x 72 x 7/8&quot;</td>
</tr>
<tr>
<td>Other Size Panels</td>
<td>N/A</td>
<td></td>
<td></td>
<td>W: 12&quot; – 24&quot; / L: 24&quot; – 60&quot; 7/8&quot; Thick</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+)
HRC items not available in other size panels.

PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics</th>
<th>Decibel</th>
<th>Fire Class</th>
<th>Performance</th>
<th>Light Block</th>
<th>Humi-Guard</th>
<th>Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRC</td>
<td>+</td>
<td>CAC</td>
<td>Tabulated</td>
<td>Tabulated</td>
<td>Tabulated</td>
<td>Tabulated</td>
<td>Tabulated</td>
</tr>
<tr>
<td>0.80</td>
<td>35</td>
<td>BEST</td>
<td>170</td>
<td>Class A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.80</td>
<td>35</td>
<td>BEST</td>
<td>170</td>
<td>Class A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.80</td>
<td>35</td>
<td>BEST</td>
<td>170</td>
<td>Class A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.80</td>
<td>35</td>
<td>BEST</td>
<td>170</td>
<td>Class A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.80</td>
<td>35</td>
<td>BEST</td>
<td>170</td>
<td>Class A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.80</td>
<td>35</td>
<td>BEST</td>
<td>170</td>
<td>Class A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.80</td>
<td>35</td>
<td>BEST</td>
<td>170</td>
<td>Class A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>–</td>
<td>–</td>
<td>Class A</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SUSPENSION SYSTEMS

15/16" Susp. Dwg. 9/16" Silhouette® 1/4" Reveal

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

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

Humidity/Sag Resistance
Humidity/Sag 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

Aesthetic Performance
CJC 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 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
1945 – 1.14 lbs/SF; 40 SF/ctn
1941, 1942 – 1.12 lbs/SF; 45 SF/ctn
1941 – 1.12 lbs/SF; 40 SF/ctn
1944 – 1.12 lbs/SF; 40 SF/ctn
1431 – 1.05 lbs/SF; 60 SF/ctn
1434 – 1.05 lbs/SF; 60 SF/ctn
1433 – 1.05 lbs/SF; 65 SF/ctn

Minimum Order Quantity
1 carton, excludes other size panels

Metric Items Available
1941M, 1944M, 1945M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

TechLine 877 276-7786
armstrongceilings.com/commercial
## ULTIMA® High NRC

### 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>ULTIMA®</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Beveled Tegular</td>
<td>1422</td>
<td>6 x 48 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>1917</td>
<td>12 x 24 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>1993</td>
<td>12 x 48 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>1994</td>
<td>12 x 60 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>1995</td>
<td>12 x 72 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>1011</td>
<td>24 x 24 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>1911HRC</td>
<td>24 x 24 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>1951</td>
<td>24 x 24 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>1894</td>
<td>24 x 24 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>1914</td>
<td>24 x 48 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>1914HRC</td>
<td>24 x 48 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>1985</td>
<td>24 x 60 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>1981</td>
<td>24 x 72 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>FS</td>
<td>W: 4&quot; - 24&quot; / L: 4&quot; - 72&quot; 3/4&quot; thick</td>
<td></td>
</tr>
</tbody>
</table>

### PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics</th>
<th>Fire Acoustics</th>
<th>Light Reflect</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Stag &amp; Rest</th>
<th>Wash</th>
<th>Impact</th>
<th>Scratch</th>
<th>Soil</th>
<th>Recycled Content</th>
<th>30-Yr Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A N/A</td>
<td>–</td>
<td>Class A</td>
<td>0.90</td>
<td>0.90</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>N/A N/A</td>
<td>–</td>
<td>Class A</td>
<td>0.90</td>
<td>0.90</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>N/A N/A</td>
<td>–</td>
<td>Class A</td>
<td>0.90</td>
<td>0.90</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>N/A N/A</td>
<td>–</td>
<td>Class A</td>
<td>0.90</td>
<td>0.90</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.75 35</td>
<td>BETTER</td>
<td>Class A</td>
<td>0.90</td>
<td></td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.60 40</td>
<td>GOOD</td>
<td>Class A</td>
<td>0.90</td>
<td></td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.60 40</td>
<td>GOOD</td>
<td>Fire Guard™</td>
<td>0.90</td>
<td></td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.75 35</td>
<td>BETTER</td>
<td>Class A</td>
<td>0.90</td>
<td></td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.75 35</td>
<td>BETTER</td>
<td>Class A</td>
<td>0.90</td>
<td></td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.75 35</td>
<td>BETTER</td>
<td>Class A</td>
<td>0.90</td>
<td></td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>N/A N/A</td>
<td>–</td>
<td>Class A</td>
<td>0.90</td>
<td></td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>N/A N/A</td>
<td>–</td>
<td>Class A</td>
<td>0.90</td>
<td></td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>N/A N/A</td>
<td>–</td>
<td>Class A</td>
<td>0.90</td>
<td></td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>N/A 35</td>
<td>–</td>
<td>Class A</td>
<td>0.90</td>
<td></td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.65 35</td>
<td>GOOD</td>
<td>Class A</td>
<td>0.90</td>
<td></td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.65 35</td>
<td>GOOD</td>
<td>Class A</td>
<td>0.90</td>
<td></td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.65 35</td>
<td>GOOD</td>
<td>Class A</td>
<td>0.90</td>
<td></td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.75 35</td>
<td>BETTER</td>
<td>Class A</td>
<td>0.90</td>
<td></td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.60 40</td>
<td>GOOD</td>
<td>Class A</td>
<td>0.90</td>
<td></td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>0.60 40</td>
<td>GOOD</td>
<td>Fire Guard™</td>
<td>0.90</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. FastSize™ Factory-finished, made-to-order sizes, shipped fast (1 carton min.)

GOOD HRC 0.60-0.90; CAC 35+; BETTER HRC 0.70-0.75; CAC 35+; BEST (HRC 0.80+; CAC 35+)

HRC items not available in other size panels.

---

TechLine 877 276-7876
armstrongceilings.com/commercial
**VOC Emissions**


**Acoustical Performance**

CAC testing conducted using Prelude® XL® suspension system for 9/16” edge detail and Silhouette® suspension system for 15/16” 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 content per FTC guidelines. HRC items contain 15% or greater post-consumer recycled ceilings.

**Insulation Value**

R Factor = 2.2 (BTU units) R Factor = 3.0 (BTU units)

**30-Year Performance Guarantee & Warranty**

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

**Weight, Square Foot/Carton**

- 1917, 1993 – 1.05 lbs/SF; 24 SF/ctn
- 1922 – 1.08 lbs/SF; 24 SF/ctn
- 1925 – 1.08 lbs/SF; 24 SF/ctn
- 1911, 1912, 1914, 1915 – 1.05 lbs/SF; 48 SF/ctn
- 1916, 1918 – 1.05 lbs/SF; 24 SF/ctn
- 1922 – 1.08 lbs/SF; 24 SF/ctn
- 1927 – 1.07 lbs/SF; 24 SF/ctn
- 1929 – 1.02 lbs/SF; 48 SF/ctn
- 1952, 1955, 1951 – 1.31 lbs/SF; 48 SF/ctn
- 1901, 1902, 1904, 1908 – 1.08 lbs/SF; 48 SF/ctn
- 1937, 1994 – 1.05 lbs/SF; 48 SF/ctn
- 1928, 1929 – 1.05 lbs/SF; 36 SF/ctn
- 1981, 1982, 1.08 lbs/SF; 72 SF/ctn
- 1984, 1985, 1986 – 1.08 lbs/SF; 80 SF/ctn

**Minimum Order Quantity**

1 carton

**Metric Items Available**

- 1905M, 1912M, 1912MHRC, 1914M, 1915M, 1916M – 1.08 lbs/SF; 72 SF/ctn

**LEED®**

A registered trademark of the U.S. Green Building Council. Declare™ is a service mark of The International Living Future Institute. USGBC is a registered trademark of USGBC, Inc. All other trademarks used herein are the property of AWA Licensing LLC and/or its affiliates.


**Physical Data**

- **Material:** Wet-formed mineral fiber with DuraBrite® acoustically transparent membrane
- **Surface Finish:** Durable with factory-applied latex paint
- **Fire Performance:** ASTM E84 and CAN/ULC S012 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:** HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity; up to, but not including, standing water and outdoor applications. (Excludes items 1905 and 1929.)
- **Mold/Mildew Protection:** Ceiling panels with BioBlock® performance resist the growth of mold and mildew.
ULTIMA®
Vector®
Fine texture

TYPICAL APPLICATIONS

- Renovation – installs on existing 15/16" suspension
- Offices
- Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- Corridors
- Lobbies/reception areas

KEY SELECTION ATTRIBUTES

- 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 245-247
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- Fast Size™ panels recommended for fixture integration
- 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)
- Downward accessible for minimal plenum height (Vector)
- 1920 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 245-247
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- Fast Size™ panels recommended for fixture integration
- 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)
- Downward accessible for minimal plenum height (Vector)

COLOR

- White

DETAILS (Other Suspension Systems compatible. Refer to listing on page 320.)

1. Ultima® Vector®
2. Ultima Vector with Prelude® 15/16" suspension system

Ultima® Vector® panels are great for projects where plenum space is limited and a sleek, modern visual is desired.
**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>ULTIMA® Vector®</strong></td>
<td>Pgs. 407-411 armstrongceilings.com/catalogs</td>
<td>74</td>
<td>12 x 24 x 3/4”</td>
</tr>
<tr>
<td>1/4” Reveal</td>
<td></td>
<td>74</td>
<td>24 x 24 x 3/4”</td>
</tr>
<tr>
<td>74</td>
<td>FastSize™ Panels</td>
<td>W: 4” – 24” / L: 4” – 24” / 3/4” Thick</td>
<td></td>
</tr>
</tbody>
</table>

**PERFORMANCE SELECTION**

<table>
<thead>
<tr>
<th>Acoustics</th>
<th>UL Classified</th>
<th>Test</th>
<th>Flame Spread</th>
<th>Sag</th>
<th>Scratches</th>
<th>Recycle Content</th>
<th>Durability</th>
<th>Fire</th>
<th>Wash</th>
<th>Scratches</th>
<th>Weight</th>
<th>PPF</th>
<th>Recycle Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>–</td>
<td>Class A</td>
<td>0.90</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.90</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>0.70</td>
<td>33</td>
<td>–</td>
<td>Class A</td>
<td>0.90</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.90</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>–</td>
<td>Class A</td>
<td>0.90</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.90</td>
<td>N/A</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. FastSize™ Factory-finished, made-to-order sizes, shipped fast (1 carton min.)

**SUSPENSION SYSTEMS**

| 15/16”   | Prelude® Vector® |

**VECTOR – FIXTURE TRIMS**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Length</th>
<th>Color</th>
<th>Substrate</th>
<th>Pcs per Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>5790</td>
<td>12”</td>
<td>White</td>
<td>Extruded PVC</td>
<td>48</td>
</tr>
<tr>
<td>5791</td>
<td>24”</td>
<td>White</td>
<td>Extruded PVC</td>
<td>48</td>
</tr>
<tr>
<td>5792</td>
<td>30”</td>
<td>White</td>
<td>Extruded PVC</td>
<td>48</td>
</tr>
<tr>
<td>5793</td>
<td>48”</td>
<td>White</td>
<td>Extruded PVC</td>
<td>48</td>
</tr>
</tbody>
</table>

**ACCESSORIES (must be ordered separately)**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Pcs per Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>440A</td>
<td>Vector Border Clip</td>
</tr>
<tr>
<td>442A</td>
<td>Vector Hold Down Clip</td>
</tr>
<tr>
<td>7425</td>
<td>24” Stabilizer Bar</td>
</tr>
<tr>
<td>7445</td>
<td>48” 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**

**Materials:** 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

**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:**
CACC 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.

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

**Minimum Order Quantity:**
1 carton, excludes FastSize™ sizes

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.

© 2016-2017 AWI Licensing LLC Printed in the United States of America
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 design flexibility 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

TYPICAL APPLICATIONS

Clean Rooms (item 1935)
- Healthcare
  - Patient rooms
  - Treatment rooms
  - Nurses’ stations
  - Emergency rooms
  - Corridors
- Lavatories and restrooms
- Kitchen/food prep areas

COLOR

White (WH)

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

TechLine 877 276-7876
armstrongceilings.com/commercial
ULTIMA® Health Zone™
ULTIMA® Health Zone™ High NRC
Square Lay-in
fine texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
<th>ULTIMA® Health Zone™ High NRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16” Square Lay-in</td>
<td>1445</td>
<td></td>
<td>24 x 24 x 1”</td>
<td></td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>1484*</td>
<td>1, 6</td>
<td>24 x 48 x 1”</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Susp. Dwg.</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
<th>ULTIMA Health Zone</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/16” Square Lay-in</td>
<td>1935</td>
<td></td>
<td>24 x 24 x 3/4”</td>
<td></td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>1938*</td>
<td>1, 6</td>
<td>24 x 48 x 3/4”</td>
<td></td>
</tr>
</tbody>
</table>

PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Fire Performance</th>
<th>Light Reflect.</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Salt Spray</th>
<th>Salt Wash</th>
<th>Scrub</th>
<th>Impact</th>
<th>Scratch</th>
<th>Scrub</th>
<th>Scrub</th>
<th>Recycled Content</th>
<th>30-Year Warranty</th>
<th>30-Year Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEST</td>
<td>Class 0.86</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</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.

GOOD (NRC 0.60-0.65; CAC 35+) BETTER (NRC 0.70-0.75; CAC 35+) BEST (NRC 0.80+; CAC 35+)

* Item does not have painted edges

SUSPENSION SYSTEMS

15/16” Prelude® Clean Room™ (Steel or Aluminum)

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/Sal 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.

VOC Emissions


Acoustical Performance

CACC 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.

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 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
- Quaternary ammonium

Weight; Square Feet/Carton

<table>
<thead>
<tr>
<th>Weight</th>
<th>Square Feet/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 carton</td>
<td>1448, 1445 – 1.0 lbs/SF; 40 SF/ctn</td>
</tr>
<tr>
<td>1935, 1938</td>
<td>1.08 lbs/SF; 48 SF/ctn</td>
</tr>
</tbody>
</table>

Minimum Order Quantity

1 carton

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 AWM Licensing LLC and/or its affiliates

© 2016-2017 AWM Licensing LLC

Printed in the United States of America
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 design flexibility 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

**COLOR**

White

(White)

**DETAILS**

(Other Suspension Systems compatible. Refer to listing on page 324.)

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

**TYPICAL APPLICATIONS**

Clean Rooms (item 1937)

Healthcare:
- Patient rooms
- Treatment rooms
- Nurses’ stations
- Emergency rooms
- Corridors
- Lavatories and restrooms
- Kitchen/food prep areas
ULTIMA® Health Zone™ High NRC

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Beveled Tegular</td>
<td>15/16&quot; 15, 16 1447 24 x 24 x 1&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beveled Tegular</td>
<td>9/16&quot; 29, 44, 48, 1446 24 x 24 x 1&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beveled Tegular</td>
<td>15/16&quot; 15, 16 1937 24 x 24 x 3/4&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beveled Tegular</td>
<td>9/16&quot; 29, 44, 48, 1936 24 x 24 x 3/4&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**UL Classified Acoustics**

- **Dots represent high level of performance.**
- **Ultrasound**
- **Fire Resistance**
- **Performance**
- **Acoustic**
- **Light Reflectance**
- **Air Mold Resistance**
- **Wet Block**
- **Humidity/Guard+**
- **Durability**

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>NRC</th>
<th>CAC</th>
<th>Class</th>
<th>Total</th>
<th>Acoustics</th>
<th>Fire Resistance</th>
<th>Performance</th>
<th>Acoustic</th>
<th>Light Reflectance</th>
<th>Air Mold Resistance</th>
<th>Wet Block</th>
<th>Humidity/Guard+</th>
<th>Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beveled Tegular 15/16&quot;</td>
<td>0.80</td>
<td>35</td>
<td>BEST</td>
<td>Class</td>
<td>0.86</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Beveled Tegular 9/16&quot;</td>
<td>0.80</td>
<td>35</td>
<td>BEST</td>
<td>Class</td>
<td>0.86</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Beveled Tegular 15/16&quot;</td>
<td>0.70</td>
<td>38</td>
<td>BETTER</td>
<td>Class</td>
<td>0.86</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Beveled Tegular 9/16&quot;</td>
<td>0.70</td>
<td>35</td>
<td>BETTER</td>
<td>Class</td>
<td>0.86</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

© 2016 AWI Licensing LLC

---

**SUSPENSION SYSTEMS**

<table>
<thead>
<tr>
<th>15/16&quot;</th>
<th>9/16&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prelude® AL Prelude® Plus XL® 53 Prelude® Plus XL®</td>
<td>Silhouette® XL® 1/4&quot; Reveal</td>
</tr>
<tr>
<td>Silhouette® 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 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 & Biological Protection**
  - health® ceiling panels with BioBlock® Plus performance resist the growth of mold and mildew, and resist odor- and stain-causing bacterial growth.

**VOC Emissions**

- **Acoustical Performance**
  - 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 production composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

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

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

 Declare™ is a service mark of the International Living Future Institute

Armstrong® and its affiliates © 2016 AWI Licensing LLC

Printed in the United States of America