Now, get Total Acoustics™ performance with MetalWorks Tegular perforated panels – excellent noise reduction and sound blocking in one system.

**KEY SELECTION ATTRIBUTES**

- Get total noise control and design flexibility with Total Acoustics ceiling panels: NRC + CAC = Total Acoustics performance
- Available with TrioGuard™ coating that resists dirt, bacteria, mold, mildew, and color fading
- Panels can be used to create continuous looks or clouds using Axiom® or Effects™ Wood Looks trim
- MetalWorks Tegular panels available for TechZone® ceiling systems applications
- Standard perforations available to enhance acoustical performance and design aesthetics
- Outstanding NRC with acoustical fleece or infill panel (0.65 – 0.90)
- BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® credits
- 18” x 18” MetalWorks Tegular panels available for Metaphors® Coffers

**COLORS**

- White
- White with TrioGuard™ Coating
- Silver Grey
- Gun Metal Grey
- Effects Maple
- Effects Dark Cherry
- Effects Walnut
- Effects Oak
- Espresso
- Custom Colors

**PERFORATION OPTIONS**

- M1 (Unperforated)
- M2 (Microperforated)
- M3 (Extra Microperforated)
- Custom Perforations Available

**DETAILS**

1. MetalWorks Tegular Microperforated
2. MetalWorks Tegular Extra Microperforated
3. Effects Wood Looks Tegular Extra Microperforated

Due to printing limitations, shade may vary from actual product.
METALWORKS™
Tegular
smooth texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item Number*</th>
<th>Dimensions Nominal W x L (Inches)</th>
<th>Perforations</th>
<th>Location Dependent</th>
</tr>
</thead>
<tbody>
<tr>
<td>METALWORKS™ Flush Tegular (with acoustical fleece)</td>
<td>6461_ _ _</td>
<td>24 x 24*</td>
<td>M1, M2</td>
<td></td>
</tr>
<tr>
<td>METALWORKS 5/16” Square Tegular (with acoustical fleece)</td>
<td>6462_ _ _</td>
<td>24 x 24*</td>
<td>M1, M2, M3</td>
<td></td>
</tr>
<tr>
<td>9/16” Square Tegular</td>
<td>6463_ _ _</td>
<td>24 x 24*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METALWORKS 5/8” Square Tegular (with acoustical fleece)</td>
<td>6465_ _ _</td>
<td>24 x 24*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PERFORMANCE

Dots represent high level of performance.

<table>
<thead>
<tr>
<th>Light Reflect</th>
<th>Wash</th>
<th>Scrub</th>
<th>Impact</th>
<th>Soil</th>
<th>Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td>(White Only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.77 (M1, M3)</td>
<td>0.61 (M2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ACOUSTICAL INFORMATION

Performance determined by perforation size

<table>
<thead>
<tr>
<th>Perforation</th>
<th>Initial Panel Item Number</th>
<th>M1</th>
<th>M2</th>
<th>M3</th>
<th>Total Acoustics</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1</td>
<td>N/A</td>
<td>36</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M2</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M3</td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Available with TrioGuard™ Coating

† "S" Service item with extended lead time.

When specifying or ordering, include the appropriate perforation, letter color, and, if needed, coating suffix with the item number (e.g., 6464 M1 WH 3G).

TOTAL ACOUSTICS™ PANEL INSTALLATION

MetalWorks™ Tegular ceiling panel with Calla® 2820 acoustic infill panel for Total Acoustics™ performance

TechLine 877 276-7876
armstrongceilings.com/metalworks
FACETED INSTALLATION

Perimeter conditions will require custom treatments. Moldings will need to be bent to match the angle of the ceiling where it contacts the walls at the straight sides, and will need to be cut to align with the panel segments on the faceted sides. It is recommended to have these installations tie into a wall or drywall bullhead rather than to attempt to create a floating ceiling condition.
### METALWORKS™

**Tegular**

smooth texture

**PERIMETER INSTALLATION DETAILS** *(Spreader channel inserts into “C” channel.)*

#### 5/16” Square Tegular

- **Suspension System**: 7835 “C” Channel
- **Channel**: 7835SC
- **Shim**: 1/4” Above Molding Face

#### 5/8” Square Tegular

- **Suspension System**: 7835 “C” Channel
- **Channel**: 7835SC
- **Shim**: 9/16” Above Molding Face

#### Flush Tegular

- **Suspension System**: Not applicable

#### ACCESSORIES

<table>
<thead>
<tr>
<th>Item Number*</th>
<th>Description</th>
<th>Dimensions (inches)</th>
<th>Pieces/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>5342_ _ _ _</td>
<td>2” Effects™ Wood Looks Trim</td>
<td>120 x 3 ½ x 2”</td>
<td>6</td>
</tr>
<tr>
<td>5344_ _ _ _</td>
<td>4” Effects Wood Looks Trim</td>
<td>120 x 4 x 4”</td>
<td>6</td>
</tr>
<tr>
<td>5346_ _ _ _</td>
<td>6” Effects Wood Looks Trim</td>
<td>120 x 6 x 6”</td>
<td>6</td>
</tr>
<tr>
<td>6096_ _ *</td>
<td>Edge Cap for Cut Tegular Panels for 15/16” suspension systems (not available in Effects colors, order in Black (BL))</td>
<td>Nominal 24” length</td>
<td>50</td>
</tr>
<tr>
<td>6099_ _ *</td>
<td>Edge Cap for Cut Tegular Panels for 9/16” suspended systems (not available in Effects colors, order in Black (BL))</td>
<td>Nominal 24” length</td>
<td>50</td>
</tr>
<tr>
<td>84008_ _ *</td>
<td>Single Single Slot Air Diffuser (not available in Effects colors, order in Black (BL))</td>
<td>24 x 24”</td>
<td>1</td>
</tr>
<tr>
<td>FXSPTHDC</td>
<td>Effects™ Hold Down Clip for Cut Panel Installations</td>
<td>N/A</td>
<td>10</td>
</tr>
<tr>
<td>FHDC</td>
<td>Faceted Hold Down Clip</td>
<td>N/A</td>
<td>10</td>
</tr>
<tr>
<td>1713</td>
<td>School Zone® Fine Fissured™ Square Lay-in Acoustic Panel</td>
<td>24 x 24 x 3/4”</td>
<td>14</td>
</tr>
<tr>
<td>2820</td>
<td>Calla® Square Lay-in Acoustic Panel</td>
<td>24 x 24 x 1”</td>
<td>10</td>
</tr>
<tr>
<td>5479</td>
<td>BioAcoustic™ Infill Panel (Beige – Matte)</td>
<td>24 x 24 x 5/8”</td>
<td>12</td>
</tr>
<tr>
<td>5823</td>
<td>BioAcoustic™ Infill Panel (Black – Matte)</td>
<td>24 x 24 x 5/8”</td>
<td>12</td>
</tr>
<tr>
<td>6200100</td>
<td>1” Fiberglass Infill Bag (Black – Gloss)</td>
<td>24 x 24”</td>
<td>12</td>
</tr>
</tbody>
</table>

* When specifying or ordering, include the appropriate 2-letter color suffix with the item number (e.g., 6098 B L).

#### SUSPENSION SYSTEMS

Available with TrioGuard™ coating*

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

* For more information about TrioGuard™ coating for suspension system, refer to Prelude® XL®, Pgs. 391-392, Suprafine® XL®, Pgs. 399-400 and angle molding Pg. 156.

#### PHYSICAL DATA

**Material**

Electrogalvanized Steel – 0.021” thickness

**Surface Finish**

Factory-applied powder-coated finish (post-coated for color and/or TrioGuard™ coating)

**Fire Performance**

ASTM E1264 Classification

- Fire Class – Class A
- Unperforated – Type XX, Pattern G
- Perforated – Type XX, Pattern C

Installation Consideration

For Tegular faceted installations, a Faceted Hold Down Clip must be used, which will limit accessibility. If accessibility is required in a faceted application, use Vector® panels.

For information about faceted applications with square Tegular panels in 15/16” suspension system, refer to installation instructions on our web site at armstrongceilings.com/installation.

#### Acoustical Performance

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

#### Seismic Restraint

MetalWorks Tegular panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong Ceilings installation instructions.

#### Weight: Square Feet/Carton

- 6461M2 – 0.75 lbs/SF, 64 SF/Ctn
- 6461M1 – 0.80 lbs/SF, 64 SF/Ctn
- 6462M2 – 0.86 lbs/SF, 64 SF/Ctn
- 6462M1, 6463M2, 6465M2, 6462M3 – 0.89 lbs/SF, 64 SF/Ctn
- 6464M2, 6464M1, 6463M1, 6464M3 – 0.92 lbs/SF, 64 SF/Ctn
- 6464M1 – 0.97 lbs/SF, 64 SF/Ctn

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armstrongceilings.com/metalworks
(search: metalworks tegular)

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