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

**KEY SELECTION ATTRIBUTES**

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

- White (WH)
- White with TrioGuard® Coating (WH3G)
- Silver Grey (SG)
- Gun Metal Grey (GMY)
- Effects Maple (FXMP)
- Effects Cherry (FXCH)
- Effects Dark Cherry (FXDC)
- Effects Walnut (FXWN)
- Effects Oak (FXO)
- Effects Walnut Espresso (FXWE)
- Custom Colors Available

**PERFORATION OPTIONS** (1:2 scale shown)

- M1 (Unperforated)
- M2 (Microperforated)
- M3 (Extra Microperforated)

**DETAILS**

- 1. MetalWorks Tegular Microperforated
- 2. MetalWorks Tegular Extra Microperforated
- 3. Effects Wood Looks Tegular Extra Microperforated
**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>
</tr>
</thead>
<tbody>
<tr>
<td><strong>METALWORKS™ Flush Tegular</strong> (with acoustical fleece)</td>
<td>6461 _ _ _ _</td>
<td>24 x 24&quot;</td>
<td>□ M1, M2</td>
</tr>
<tr>
<td><strong>METALWORKS 5/16&quot; Square Tegular</strong> (with acoustical fleece)</td>
<td>6462 _ _ _ _</td>
<td>24 x 24&quot;</td>
<td>□ M1, M2, M3</td>
</tr>
<tr>
<td><strong>METALWORKS 5/8&quot; Square Tegular</strong> (with acoustical fleece)</td>
<td>6463 _ _ _ _</td>
<td>24 x 24&quot;</td>
<td>□ M1, M2</td>
</tr>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>6464_ _ _ _ _</td>
<td>24 x 24&quot;</td>
<td>□</td>
</tr>
</tbody>
</table>

**PERFORMANCE**

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

**ACOUSTICAL INFORMATION**

Performance determined by perforation size

**METALWORKS™ Flush Tegular** (with acoustical fleece)

**METALWORKS 5/16" Square Tegular** (with acoustical fleece)

**METALWORKS 5/8" Square Tegular** (with acoustical fleece)

**TOTAL ACOUSTICS™ PANEL INSTALLATION**

**EXAMPLE:**

6464 M1 WH 3G

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

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

MetalWorks™ Tegular faceted panels

FACETED PERIMETER DETAILS

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.

12'–0" O.C. MAX
#12 Hanger Wire 4' O.C. or as required by code

Compression Post – every main beam (12' O.C. max)
**METALWORKS™**

**Tegular**
smooth texture

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

### 5/16” Square Tegular

![Diagram of 5/16” Square Tegular]

### 5/8” Square Tegular

![Diagram of 5/8” Square Tegular]

### Flush Tegular

![Diagram of Flush Tegular]

---

### 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 3/4 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</td>
<td>Nominal 24” length</td>
<td>50</td>
</tr>
<tr>
<td>6099_...</td>
<td>Edge Cap for Cut Tegular Panels for 9/16” suspension systems</td>
<td>Nominal 24” length</td>
<td>50</td>
</tr>
<tr>
<td>84008_...</td>
<td>Single Single Slot Air Diffuser</td>
<td>24 x 24”</td>
<td>1</td>
</tr>
<tr>
<td>FXSPTNDHC</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>6200T10</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).

---

### 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 E84 and CAN/ULC S102, Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

---

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

### ASTM E1264 Classification
Fire Class – Class A
Perforated – Type XX, Pattern G
Unperforated – 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.

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

**Warranty**
Details at armstrongceilings.com/warranty

**Weight; Square Feet/Carton**
6461M2 – 0.75 lbs/SF, 64 SF/Ctn
6462M1 – 0.80 lbs/SF, 64 SF/Ctn
6462M2 – 0.86 lbs/SF, 64 SF/Ctn
6463M1, 6463M2, 6465M2, 6462M3 – 0.89 lbs/SF, 64 SF/Ctn
6464M1, 6464M2, 6464M3, 6464M4 – 0.92 lbs/SF, 64 SF/Ctn
6464M1 – 0.97 lbs/SF, 64 SF/Ctn

---

**LEED®** is a registered trademark of the U.S. Green Building Council. All other trademarks used herein are the property of A.W.I. Licensing LLC and/or its affiliates © 2020 A.W.I. Licensing LLC. Printed in the United States of America.