WOODWORKS® Grille
Tegular

KEY SELECTION ATTRIBUTES

- Integrated downlighting solutions from USAI® sit perfectly flush with the panel face for a sleek visual
- Integrate linear lights seamlessly with the Integrated Light Connection Clip and lights from Baddight® str, XAL® or T-BAR LED™ lights from JLC-Tech
- Lighting solutions are certified for fit and finish and engineered to be supported by standard Armstrong suspension systems for use in all areas, including seismic DEF zones.
- Get total noise control and design flexibility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics® performance
- Painted white finish for even more design flexibility
- Vertical slots are deeper than they are wide creating a more open feel
- Horizontal slots are wider than they are deep creating a warm, more solid look
- 24" x 24" and 24" x 48" sizes available in vertical and horizontal slot designs
- FSC® Certification available upon request
- Panels are designed so the suspension system virtually disappears
- Tegular panels with backers easily install on standard suspension system
- Create continuous looks and clouds with Axiom® or solid wood trim
- Panels are accessible without the use of clips

FINISH SELECTION

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

Grille White (GWH)
Grille Maple (GMP)
Grille Light Cherry (GLC)
Grille Dark Cherry (GDC)
Grille Walnut (GWN)
Custom Finishes Available

Now get Total Acoustics® performance with WoodWorks® Grille Tegular horizontal slats – excellent noise reduction and sound blocking in one system.
WOODWORKS® Grille

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions Nominal W x L x H (Inches)</th>
<th>% Open Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/16&quot; Tegular with Horizontal Slats</td>
<td>662808</td>
<td>1/2&quot; x 1-1/2&quot;</td>
<td>24 x 24 x 1&quot;</td>
<td>23%</td>
</tr>
<tr>
<td>9/16&quot; Tegular with Vertical Slats</td>
<td>662912</td>
<td>1/2&quot; x 1-1/2&quot;</td>
<td>24 x 24 x 2&quot;</td>
<td>74%</td>
</tr>
<tr>
<td>FSC®-certified WOODWORKS® Grille Tegular for 9/16&quot; Suspension System</td>
<td>662808</td>
<td>1/2&quot; x 1-1/2&quot;</td>
<td>24 x 24 x 1&quot;</td>
<td>23%</td>
</tr>
<tr>
<td>FSC®-certified WOODWORKS® Grille Tegular for 15/16&quot; Suspension System</td>
<td>662812</td>
<td>1/2&quot; x 1-1/2&quot;</td>
<td>24 x 24 x 1&quot;</td>
<td>34%</td>
</tr>
</tbody>
</table>

**PERFORMANCE**

**ACOUSTICAL INFORMATION**

Performance determined by slat spacing

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Infill Panel</th>
<th>NRC</th>
<th>CAS</th>
<th>Total Acoustics</th>
</tr>
</thead>
<tbody>
<tr>
<td>662808</td>
<td>9/16&quot; Tegular</td>
<td>1713BL</td>
<td>0.75</td>
<td>BEST</td>
</tr>
<tr>
<td>662812</td>
<td>15/16&quot; Tegular</td>
<td>1713BL</td>
<td>0.75</td>
<td>BEST</td>
</tr>
</tbody>
</table>

**TRIM AND ACOUSTICAL INFILL PANELS**

Visit armstrongceilings.com/woodworks

**Suspension System**

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Dimensions Nominal W x L x H (Inches)</th>
<th>Color</th>
<th>Pcs./Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>7146</td>
<td>Solid Wood Trim</td>
<td>4 x 120 x 3/4&quot;</td>
<td>GWH, GMP, GLC, GDC, GWN</td>
<td>Bulk</td>
</tr>
<tr>
<td>AXTBC</td>
<td>T-Bar Connector Clip</td>
<td>N/A</td>
<td>N/A</td>
<td>10</td>
</tr>
<tr>
<td>AXSPLICE</td>
<td>Splice Plate with Setscrews</td>
<td>N/A</td>
<td>N/A</td>
<td>10</td>
</tr>
<tr>
<td>SHA</td>
<td>Support Hanger</td>
<td>2&quot; x 144&quot;</td>
<td>N/A</td>
<td>12</td>
</tr>
<tr>
<td>5823</td>
<td>BioAcoustic™ Infill Panel</td>
<td>24 x 24 x 5/8&quot;</td>
<td>Black (Matte)</td>
<td>12</td>
</tr>
<tr>
<td>1713BL</td>
<td>School Zone® Fine Fissured™ Square Lay-in Acoustic Panel</td>
<td>24 x 24 x 3/4&quot;</td>
<td>Tech Black</td>
<td>14</td>
</tr>
<tr>
<td>2820BK</td>
<td>Calla® Square Lay-in Acoustic Panel</td>
<td>24 x 24 x 1&quot;</td>
<td>Black</td>
<td>10</td>
</tr>
<tr>
<td>7239</td>
<td>Adjustable Trim Clip</td>
<td>–</td>
<td>50</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Accessories**

**Physical Data**

WoodWorks® grille, as with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern, or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present. For more fire performance information, visit armstrongceilings.com/woodworks

**Axiom® Vector® Trim** (Details can be found on pages 252-253).

For infill panel information, refer to page 253.

**APPLICATION CONSIDERATIONS**

Variation among panels may occur due to the natural characteristics of the wood and grain.

**ACOUSTICAL INFORMATION**

Dots represent high level of performance.

**Accessories**

**ASSOCIATIONS**

For LEED contribution contact TechLine at 1 877 276-7876.

**TechLine 877 276-7876**

armstrongceilings.com/woodworks
Seamlessly integrate linear light fixtures from Backlight® srl and XAL® with standard or made-to-order WoodWorks® Grille Tegular panels using Integrated Light Connection Clips that suspend lights directly from the suspension system. This eliminates the need for independent support of the fixture or modification of the suspension system.

### KEY SELECTION ATTRIBUTES
- Engineered and tested clip and suspension system seamlessly integrate lighting with grid
- Low-profile, pre-engineered light fixture in coordinating 2”, 3-1/4”, and 5-1/4” widths from Backlight srl and XAL for a flush, sleek visual
- Approved for use in all seismic categories

### DESIGN CONSIDERATIONS
- Length of lights are designed to coordinate with the length of panels
- Lights must run parallel with slat direction and are not for use in perimeter panels
- Reveal between light and slots will coordinate with the reveal from slab to slab
- Modified panels are required to be secured in the grid system with Cut Backer Support Clips (Item 8171WGTCC01)
- Coordination between ceiling contractor and electrician is required for installation

### ACCESSORIES
**ACCESSORIES** Used with 24” x 48” WoodWorks Grille Tegular panels

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Pcs./Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>7425</td>
<td>24” Stabilizer Bar</td>
<td>100</td>
</tr>
</tbody>
</table>

### VISUAL SELECTION

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Coordinating WoodWorks® Grille Tegular Panel Item No.</th>
<th>Panel Field Modification Required*</th>
<th>Compatible Partner Light Fixture Dimensions W x L (Inches)</th>
<th>Clips Required per Light Fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>8171WGTTC01</td>
<td>Integrated Light Connection Clip for 9/16” Vertical Slot Panels</td>
<td>662912**</td>
<td>Remove 1 slat</td>
<td>2-3/8” x 23-3/8”</td>
<td>2</td>
</tr>
<tr>
<td>8171WGTTC02</td>
<td>Integrated Light Connection Clip for 15/16” Vertical Slot Panels</td>
<td>663112</td>
<td>Remove 1 slat</td>
<td>2” x 47”</td>
<td>2</td>
</tr>
<tr>
<td>8171WGTTC03</td>
<td>Integrated Light Connection Clip for Horizontal Slot Panels</td>
<td>662808</td>
<td>Remove 2 slats</td>
<td>3-1/4” x 23-3/8”</td>
<td>2</td>
</tr>
<tr>
<td>8171WGTTC01</td>
<td>Integrated Light Connection Midpoint Clip for 24” x 48” panels (installed with Item 7425, 24” Stabilizer Bar)</td>
<td>663008</td>
<td>–</td>
<td>3-1/4” x 47-3/8”</td>
<td>2</td>
</tr>
<tr>
<td>8171WGTTC01</td>
<td>Integrated Light Connection Midpoint Clip for 24” x 48” panels (installed with Item 7425, 24” Stabilizer Bar)</td>
<td>663012</td>
<td>–</td>
<td>3-1/4” x 23-3/8”</td>
<td>2</td>
</tr>
<tr>
<td>8171WGTTC03</td>
<td>Integrated Light Connection Clip for Horizontal Slot Panels</td>
<td>663112</td>
<td>–</td>
<td>5-1/4” x 47-3/8”</td>
<td>2</td>
</tr>
<tr>
<td>8171WGTMC01</td>
<td>Integrated Light Connection Midpoint Clip for 24” x 48” panels (installed with Item 7425, 24” Stabilizer Bar)</td>
<td>662808</td>
<td>–</td>
<td>2” x 47”</td>
<td>2</td>
</tr>
<tr>
<td>8171WGTTC01</td>
<td>Integrated Light Connection Midpoint Clip for 24” x 48” panels (installed with Item 7425, 24” Stabilizer Bar)</td>
<td>663008</td>
<td>–</td>
<td>3-1/4” x 23-3/8”</td>
<td>2</td>
</tr>
<tr>
<td>8171WGTTC01</td>
<td>Integrated Light Connection Midpoint Clip for 24” x 48” panels (installed with Item 7425, 24” Stabilizer Bar)</td>
<td>663012</td>
<td>–</td>
<td>5-1/4” x 47-3/8”</td>
<td>2</td>
</tr>
<tr>
<td>8171WGTMC01</td>
<td>Integrated Light Connection Midpoint Clip for 24” x 48” panels (installed with Item 7425, 24” Stabilizer Bar)</td>
<td>662808</td>
<td>–</td>
<td>2” x 47”</td>
<td>2</td>
</tr>
<tr>
<td>8171WGTTC01</td>
<td>Integrated Light Connection Midpoint Clip for 24” x 48” panels (installed with Item 7425, 24” Stabilizer Bar)</td>
<td>663008</td>
<td>–</td>
<td>3-1/4” x 23-3/8”</td>
<td>2</td>
</tr>
<tr>
<td>8171WGTTC01</td>
<td>Integrated Light Connection Midpoint Clip for 24” x 48” panels (installed with Item 7425, 24” Stabilizer Bar)</td>
<td>663012</td>
<td>–</td>
<td>5-1/4” x 47-3/8”</td>
<td>2</td>
</tr>
</tbody>
</table>

* Made-to-order panels that eliminate the need for field modification of standard panels are available via ASQuote@armstrongceilings.com

** Item 662912 is designed for basketweave patterns only as shown in image above. An uneven reveal between slats will be visible if installed in a linear fashion.

NOTE: Items 8171WGTTC01, 8171WGTTC02, 8171WGTTC03, 8171WGTMC01, and 8171WGTCC01 are packaged 12 pcs/cnt.
INSTALLATION DETAILS

5-1/4" Linear Light Fixture from XAL® or Backlight® srl

WoodWorks Grille Tegular panel with Horizontal Slats

Item 8171WGTTC03

Cut Backer Support Clip Item 8171WGTCC01

Integrated Light Connection Clip Item 8171WGTTC03

Cut Backer Support Clip Item 8171WGTCC01

Integrated Light Connection Clip Item 8171WGTTC03

5-1/4" Linear Light Fixture from XAL or Backlight srl

WoodWorks Grille Tegular Panel with Vertical Slats

Item 8171WGTCC01

Cut Backer Support Clip Item 8171WGTCC01

Integrated Light Connection Clip for Horizontal Slat Panels Item 8171WGTTC03

Cut Backer Support Clip Item 8171WGTCC01

Integrated Light Connection Clip Item 8171WGTTC03

5-1/4" Linear Light Fixture from XAL or Backlight srl

WoodWorks Grille Tegular Panel with Vertical Slats

Item 8171WGTCC01

Cut Backer Support Clip Item 8171WGTCC01

Integrated Light Connection Clip for 9/16" Vertical Slat Panels Item 8171WGTTC01

Cut Backer Support Clip Item 8171WGTCC01

Integrated Light Connection Clip Item 8171WGTTC03

5-1/4" Linear Light Fixture from XAL or Backlight srl

WoodWorks Grille Tegular Panel with Vertical Slats

Item 8171WGTCC01

Cut Backer Support Clip Item 8171WGTCC01

Integrated Light Connection Clip for 15/16" Vertical Slat Panels Item 8171WGTTC02

Cut Backer Support Clip Item 8171WGTCC01

Integrated Light Connection Clip Item 8171WGTTC03

5-1/4" Linear Light Fixture from XAL or Backlight srl

WoodWorks Grille Tegular Panel with Vertical Slats

Item 8171WGTCC01

Cut Backer Support Clip Item 8171WGTCC01

Integrated Light Connection Clip for 15/16" Vertical Slat Panels Item 8171WGTTC02

Cut Backer Support Clip Item 8171WGTCC01

Integrated Light Connection Midpoint Clip Item 8171WGTMC01

5-1/4" Linear Light Fixture from XAL or Backlight srl

24" Stabilizer Bar Item 7425

Integrated Light Connection Midpoint Clip Item 8171WGTMC01

LIGHTING FIXTURES

Compatible with Backlight® srl CH450 light fixture and XAL® PANO Low-Profile Linear Plank light fixture.

For detailed lighting information, contact your local Backlight® srl or XAL® representative.
Seamlessly integrate linear light fixtures into WoodWorks® Grille Tegular ceilings by replacing cross tees with T-BAR LED™ lights by JLC-Tech.

**KEY SELECTION ATTRIBUTES**
- T-BAR LED lights from JLC-Tech replace the cross tees, seamlessly integrating into the ceiling grid.
- The T-BAR LED is seismically tested to become a part of the certified ceiling assembly, eliminating the need for support wires.
- There is no need to modify the WoodWorks Grille Tegular ceiling panels.

**DESIGN CONSIDERATIONS**
- Length of lights are designed to coordinate with the length of panels.
- T-BAR LED lights can run both perpendicular or parallel with wood slats direction.
- Coordination between ceiling contractor and electrician is required for installation.
- T-BAR LED lens options allow for the product to sit flush, recessed, or proud to the wood slats.

**INSTALLATION DETAILS**

**LIGHTING FIXTURES**
Compatible with JLC-Tech T-BAR LED™ lights.

For detailed lighting information, contact your local JLC-Tech representative.
Seamlessly integrate downlight fixtures from USAI® with standard WoodWorks® Grille Tegular panels. Suspend lights directly from the suspension system, eliminating the need for independent support of the fixture or modification of the suspension system.

**KEY SELECTION ATTRIBUTES**

- Engineered and tested to seamlessly integrate lighting fixtures with grid
- Two downlight styles available from USAI® – BeveLED Mini® for WoodWorks and Micro™ for WoodWorks light fixtures
- Approved for use in all seismic categories

**DESIGN CONSIDERATIONS**

- Lights are designed to sit flush with the face of the WoodWorks panels
- Modified panels are required to be secured in the grid system
- Coordination between ceiling contractor and electrician is required for installation

### VISUAL SELECTION

<table>
<thead>
<tr>
<th>WoodWorks® Panel Item No.</th>
<th>Description</th>
<th>Coordinating USAI® Fixture Family</th>
<th>Coordinating USAI Fixture Part Numbers</th>
<th>USAI Grid Mounting Bars Item No.</th>
<th>USAI Trim Yoke and Centering Spacer Item No.</th>
<th>Panel Field Modification Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>663008 24” x 48” horizontal slats</td>
<td>BeveLED Mini® for WoodWorks Micro™ for WoodWorks – Horizontal Slats</td>
<td>B3XX-UA MXGXX-UA</td>
<td>UA2, UA4</td>
<td>–</td>
<td>Mini: 2 slats cut Micro: 1 slat cut</td>
<td></td>
</tr>
<tr>
<td>662808 24” x 24” horizontal slats</td>
<td>BeveLED Mini for WoodWorks Micro for WoodWorks – Horizontal Slats</td>
<td>B3XX-UA MXGXX-UA</td>
<td>UA2</td>
<td>–</td>
<td>Mini: 2 slats cut Micro: 1 slat cut</td>
<td></td>
</tr>
<tr>
<td>662912 24” x 24” vertical slats</td>
<td>Micro for WoodWorks – Vertical Slats (4 cell max)</td>
<td>MXGXX-VS</td>
<td>TA2 MXGVS-GT29</td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>662812 24” x 24” horizontal slats</td>
<td>BeveLED Mini for WoodWorks Micro for WoodWorks – Horizontal Slats</td>
<td>B3XX-UA MXGXX-UA</td>
<td>UA2</td>
<td>–</td>
<td>Mini: 2 slats cut Micro: 1 slat cut</td>
<td></td>
</tr>
<tr>
<td>663012 24” x 48” horizontal slats</td>
<td>BeveLED Mini for WoodWorks Micro for WoodWorks – Horizontal Slats</td>
<td>B3XX-UA MXGXX-UA</td>
<td>UA2, UA4</td>
<td>–</td>
<td>Mini: 2 slats cut Micro: 1 slat cut</td>
<td></td>
</tr>
<tr>
<td>663112 24” x 48” vertical slats</td>
<td>Micro for WoodWorks – Vertical Slats (8 cell max)</td>
<td>MXGXX-VS</td>
<td>TA4 MXGVS-GT31</td>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** Refer to lighting partner cut sheets for light location considerations.

### INSTALLATION DETAILS

- USAI® Micro™ for WoodWorks® – Vertical Slats Fixture Housing
- USAI® Grid Mounting Bars Item UA4

**LIGHTING FIXTURES**

Compatible with USAI® BeveLED Mini® for WoodWorks or Micro™ for WoodWorks light fixture families.

For detailed lighting information, contact your local USAI® representative.