WOODWORKS® Standard Ceilings
At-a-Glance

WOODWORKS® STANDARD CEILINGS

WOODWORKS® Torsion Spring
Pg. 258

WOODWORKS® Tegular
Pgs. 224-227

WOODWORKS® Vector®
Pgs. 228-229

WOODWORKS® Channeled Tegular
Pgs. 230-231

WOODWORKS® Channeled – Vector®
Pgs. 232-233

WOODWORKS® Channeled Plank
Pgs. 234-235

WOODWORKS® Concealed
Pgs. 236-237

WOODWORKS® Grille Tegular
Pgs. 238-239

WOODWORKS® Grille Backer & Dowel
Pgs. 240-243

WOODWORKS® Linear Solid Wood Panels
Pgs. 244-245

WOODWORKS® Linear Veneer Panels
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WOODWORKS® Linear Veneer Planks
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WOODWORKS® Open Cell
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WOODWORKS® Custom Canopies
(Featured in Clouds & Canopies)
Pg. 115

WOODWORKS® Linear Veneer Panels
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WOODWORKS® Custom Walls & Ceilings
At-a-Glance

WOODWORKS® Ceiling and Walls Customization

ICON KEY
Icons are used throughout the catalog to help you quickly identify key products with high level of performance.

High Acoustics
Total Acoustics®
- Perforated product has both NRC of 0.70 or greater AND CAC of 35 or higher when used with acoustic infill panels.
- Product has NRC (Noise Reduction Coefficient) of 0.70 or greater.
- Product has CAC (Ceiling Attenuation Class) of 35 or higher.

Fire Performance
Class A

Seismic
Category D, E & F

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

Soil Resistance
- Excellent resistance to dirt and/or grease for lasting value and performance.

Plenum Access
- Downward access for panels minimizes panel damage.

Color Availability
- Available in color.

WOODWORKS CEILING-TO-WALL TRANSITIONS

WOODWORKS® Walls (Featured in Walls)
Pgs. 516-517

WOODWORKS® Custom Walls (Featured in Walls)
Pgs. 516-517

WOODWORKS® Grille Wall-to-Ceiling
Pgs. 240-242

WOODWORKS® Linear Planks Wall-to-Ceiling
Pgs. 248-249
WOOD LOOKS on Metal Ceilings
Standard Finishes

(featured in MetalWorks Ceiling Section Pgs. 162-215)

METALWORKS™ Vector® Faceted in Effects™ Cherry
Pgs. 178-179

METALWORKS™ Tegular in Effects Cherry
Pgs. 174-177

METALWORKS™ Linear Faceted in Effects Cherry
Pgs. 184-187

METALWORKS™ Vector® in Custom Formations in Effects Cherry
Pgs. 178-179

METALWORKS™ Linear in Effects Dark Cherry
Pgs. 184-187

METALWORKS™ Vector® Faceted in Effects Dark Cherry
Pgs. 178-179

METALWORKS™ Vector® in Effects Maple
Pgs. 178-179

METALWORKS™ Linear in Effects Light Cherry
Pgs. 178-179

METALWORKS™ Vector® in Effects Light Cherry
Pgs. 178-179

METALWORKS™ Linear in Effects Light Cherry
Pgs. 184-187

WOOD LOOKS on Metal Ceilings
Standard Finishes

EFFECTS™ FINISHES FOR METAL CEILINGS

- Effects™ Maple (FXMP)
- Effects Oak (FXOE)
- Effects Cherry (FXCH)
- Effects Dark Cherry (FXDC)
- Effects Walnut (FXWN)
- Effects Walnut Espresso (FXWE)
- Maple (NMP)
- Light Cherry (NLC)
- Dark Cherry (NDC)

PUREWOOD VENEER FINISHES FOR METAL CEILINGS – Interior Only
## WOODWORKS® Standard Ceilings

**Standard Finishes**

### COMPOSITE WOOD PANEL VENEERS

<table>
<thead>
<tr>
<th>Natural Variations™ (Real Wood Veneers)</th>
<th>Constants™ (Real Wood Veneers)</th>
<th>Bamboo* (Rapidly Renewable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beech (NBE)</td>
<td>Maple (NMP)</td>
<td>Walnut (NWN)</td>
</tr>
<tr>
<td>Light Cherry (NLC)</td>
<td>Cherry (CCH)</td>
<td>Oak (NO)</td>
</tr>
<tr>
<td>Dark Cherry (NDC)</td>
<td>Walnut (NWA)</td>
<td>Walnut Espresso (NEL)</td>
</tr>
</tbody>
</table>

**Images™ Finishes** (High Quality Printed Finishes)

- Maple (PMP)
- Light Cherry (PLC)
- Dark Cherry (PDC)

*Veneer is rapidly renewable. Bamboo is a grass that requires 3-7 years for maturity.

**NOTE:** WoodWorks custom panels can be made from any standard WoodWorks veneer.

### COMPOSITE WOOD PANELS

**Real Wood Panels**

<table>
<thead>
<tr>
<th>Concealed</th>
<th>Tegular</th>
<th>Vector®</th>
<th>Channeled</th>
<th>Linear Planks</th>
<th>Linear Panels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Variations™</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beech</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Maple</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Light Cherry</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Dark Cherry</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Walnut</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Oak</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Walnut Espresso</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

**Constants™**

- Maple | ✓ | ✓ | ✓ | ✓ | ✓ |
- Cherry | ✓ | ✓ | ✓ | ✓ | ✓ |
- Walnut | ✓ | ✓ | ✓ | ✓ | ✓ |
- Redux Wheat | ✓ | ✓ | ✓ | ✓ | ✓ |

**Bamboo**

- Patina (BAP) | ✓ | ✓ | ✓ | ✓ | ✓ |
- Native (BAN) | ✓ | ✓ | ✓ | ✓ | ✓ |

**Images™ Printed Finishes**

- Maple | ✓ | ✓ | ✓ | ✓ | ✓ |
- Light Cherry | ✓ | ✓ | ✓ | ✓ | ✓ |
- Dark Cherry | ✓ | ✓ | ✓ | ✓ | ✓ |

### SOLID WOOD PANEL FINISHES

#### SOLID WOOD PANELS AND PLANKS

<table>
<thead>
<tr>
<th>Grille Maple (GMP)</th>
<th>Grille Light Cherry (GLC)</th>
<th>Grille Dark Cherry (GDC)</th>
<th>Grille Walnut (GWN)</th>
<th>Custom Finishes Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Western Hemlock White (HWH2)</td>
<td>Western Hemlock Maple (HMP2)</td>
<td>Western Hemlock Dark Cherry (HDC2)</td>
<td>Western Hemlock Walnut (HWN2)</td>
<td>Western Hemlock Clear Coat (HCC2)</td>
</tr>
</tbody>
</table>

**EXTERIOR/INTERIOR FINISHES (PARTIAL LIST)**

- Western Hemlock White (HWH2)
- Western Hemlock Maple (HMP2)
- Western Hemlock Dark Cherry (HDC2)
- Western Hemlock Walnut (HWN2)
- Western Hemlock Clear Coat (HCC2)

**NOTE:** WoodWorks custom panels can be made from any standard WoodWorks veneer.

**SOLID WOOD PANEL FINISHES**

### SOLID WOOD PANELS AND PLANKS

<table>
<thead>
<tr>
<th>Grille Maple</th>
<th>Grille Light Cherry</th>
<th>Grille Dark Cherry</th>
<th>Grille Walnut</th>
<th>Grille White</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
WOODWORKS® Ceilings
Standard Perforations

COMPOSITE WOOD PERFORATIONS – CONCEALED, TEGULAR & VECTOR®

Key for Perforation Names (Example – Rg 6006)
R Hole shape (R = round / O = square / L = oval / T = trapezoid)
g Pattern (g = straight / d = diagonal / v = staggered)
60 Diameter of hole size in mm (Example – 6 mm)
06 % open area

Custom Perforations

<table>
<thead>
<tr>
<th>Type</th>
<th>Hole Size</th>
<th>% Open Area</th>
<th>NRC:</th>
</tr>
</thead>
<tbody>
<tr>
<td>W1</td>
<td>Unperforated</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>W2 (Rg 6006)</td>
<td>Round Straight</td>
<td>6.0mm [.236&quot;]</td>
<td>0.45*</td>
</tr>
<tr>
<td>W3 (Rd 6006)</td>
<td>Round Diagonal</td>
<td>6.0mm [.236&quot;]</td>
<td>0.45*</td>
</tr>
<tr>
<td>W4 (Rg 6011)</td>
<td>Round Straight</td>
<td>6.0mm [.236&quot;]</td>
<td>0.65</td>
</tr>
<tr>
<td>W5 (Lg 9512)</td>
<td>Oval Straight</td>
<td>76.2mm x 9.5mm [3.0&quot; x .375&quot;]</td>
<td>0.55*</td>
</tr>
<tr>
<td>W6 (Lg 9508)</td>
<td>Oval Straight</td>
<td>76.2mm x 9.5mm [3.0&quot; x .375&quot;]</td>
<td>0.40</td>
</tr>
</tbody>
</table>

* with 8200100 fiberglass infill panel

COMPOSITE WOOD PERFORATIONS – CHANNELED

<table>
<thead>
<tr>
<th>Type</th>
<th>Groove Size:</th>
<th>NRC:</th>
</tr>
</thead>
<tbody>
<tr>
<td>W7</td>
<td>Channeled 13mm profile with 3mm groove</td>
<td>0.75**</td>
</tr>
<tr>
<td>W8*</td>
<td>Channeled 5mm profile with 3mm groove</td>
<td>0.80**</td>
</tr>
<tr>
<td>W9</td>
<td>Channeled 25mm profile with 3mm groove</td>
<td>0.50**</td>
</tr>
</tbody>
</table>

** Acoustic fleece only
Not available in Images™ Finishes

TechLine 877 276-7876
armstrongceilings.com/woodworks
WOODWORKS® Upgrade Ceiling Options

Take our standard WoodWorks® products in standard sizes, and make them distinctively yours by choosing from a variety of custom veneers (including FSC®-certified options) and/or perforations.

CUSTOM VENEERS (PARTIAL LIST)

In addition to standard veneers, custom veneers and continuous upturn options are available on many WoodWorks® products. The following is a representation of some custom veneers used on recent projects. Veneer management is available to provide many other custom veneer options, and to coordinate with millwork or other interior finishes.

CUSTOM PERFORATIONS

Actual 1:1 scale shown

<table>
<thead>
<tr>
<th>Type:</th>
<th>Hole Size:</th>
<th>% Open Area:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rg 5002</td>
<td>Round Straight</td>
<td>5.0mm [0.197&quot;]</td>
</tr>
<tr>
<td>Rg 5008</td>
<td>Round Straight</td>
<td>8.0mm [0.315&quot;]</td>
</tr>
<tr>
<td>Rg 6003</td>
<td>Round Straight</td>
<td>8.0mm [0.315&quot;]</td>
</tr>
<tr>
<td>Rg 8005</td>
<td>Round Straight</td>
<td>8.0mm [0.315&quot;]</td>
</tr>
<tr>
<td>Rg 8020</td>
<td>Round Straight</td>
<td>6.0mm [0.236&quot;]</td>
</tr>
<tr>
<td>Rd 5004</td>
<td>Round Diagonal</td>
<td>5.0mm [0.197&quot;]</td>
</tr>
<tr>
<td>Rd 8010</td>
<td>Round Diagonal</td>
<td>8.0mm [0.315&quot;]</td>
</tr>
</tbody>
</table>

NOTE: Perforations not recommended for WoodWorks Custom Curved panels

CUSTOM PERFORATION CAPABILITIES

Examples represent visual on a 24" x 24" panel
Now get Total Acoustics® performance with WoodWorks® 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
- Create upturns for continuous visuals and clouds with WoodWorks trim (see pages 252-253 for trim options)
- Coordinating WoodWorks walls available (see pages 520-521 for wall offering)
- 18" x 18" Tegular infill panels now available for Metaphors® Coffers; for details, visit armstrongceilings.com/metaphors
- Shorter lead times and lower cost than custom millwork

**VENEERS**

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

<table>
<thead>
<tr>
<th>Natural Variations™ (Real Wood Veneers)</th>
<th>Constants™ (Real Wood Veneers)</th>
<th>Bamboo*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beech (NBE)</td>
<td>Maple (NMP)</td>
<td>Patina (BAP)</td>
</tr>
<tr>
<td>Maple (NMP)</td>
<td>Light Cherry (NLC)</td>
<td>Native (BAN)</td>
</tr>
<tr>
<td>Light Cherry (NLC)</td>
<td>Dark Cherry (NDC)</td>
<td>Custom Veneers Available</td>
</tr>
<tr>
<td>Dark Cherry (NDC)</td>
<td>Maple (CMA)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cherry (CCY)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Walnut (CWA)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Redwood (CWR)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bamboo* Available</td>
</tr>
</tbody>
</table>

**PERFORATION OPTIONS** (Actual 1:6 scale shown)

- W1 (Unperforated)
- W2 – Rg 6006 (Round Straight)
- W3 – Rd 6006 (Round Diagonal)
- W4 – Rg 6011 (Round Straight)
- W5 – Lg 9512 (Oval Straight Slotted)
- W6 – Lg 9538 (Oval Straight Slotted)

NOTE: Slotted perforations run parallel to the length of the panel and borders vary with panel size.

* Veneer is rapidly renewable. Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.
**WOODWORKS®**

**Tegular**

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions Nominal W x L x H (Inches)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/16&quot; Square Tegular</td>
<td>5404. _ _ _ _</td>
<td>24 x 24 x 3/4&quot;</td>
<td>W1, W2, W3, W4, W5, W6</td>
</tr>
</tbody>
</table>

**FSC®-certified WOODWORKS Tegular**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Dimensions Nominal W x L x H (Inches)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6484. _ _ _ _</td>
<td>12 x 48 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>6485. _ _ _ _</td>
<td>12 x 72 x 3/4&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**TechZone® Panels**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Dimensions Nominal W x L x H (Inches)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6510. _ _ _ _</td>
<td>24 x 42 x 3/4&quot;</td>
<td>W1, W2, W3, W4, W5, W6</td>
</tr>
<tr>
<td>6511. _ _ _ _</td>
<td>30 x 30 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>6512. _ _ _ _</td>
<td>27 x 30 x 3/4&quot;</td>
<td></td>
</tr>
</tbody>
</table>

When specifying or ordering, include the appropriate 2-digit perforation and 3-letter color suffixes.

**PERFORMANCE**

<table>
<thead>
<tr>
<th>Fire Rating</th>
<th>Perforation</th>
<th>Infill Panel Material</th>
<th>NRC</th>
<th>CAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class A</td>
<td>W1</td>
<td>Unperforated</td>
<td>N/A</td>
<td>38</td>
</tr>
</tbody>
</table>

**ACOUSTICAL INFORMATION**

Performance determined by perforation size

Dots represent high level of performance.

**EXAMPLE:**

<table>
<thead>
<tr>
<th>Panel Dimension/Type</th>
<th>Perforation</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>24&quot; x 24&quot; FSC-certified</td>
<td>W2</td>
<td>Natural Variations</td>
</tr>
</tbody>
</table>

**NOTE:** Items 6486 and 6487 (12" x 72" and 24" x 72" series) include suspension system stabilizer hooks.

**NOTE:** Items 6510, 6511, and 6512 are available in limited standard finishes and perforation options. See TechZone® ceiling systems (pages 337-344) for more details.

For veneers, sizes, and perforation patterns available as special order, call TechLine at 1 877 276-7876.

**TechZone® Panels**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Dimensions Nominal W x L x H (Inches)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6510. _ _ _ _</td>
<td>24 x 42 x 3/4&quot;</td>
<td>W1, W2, W3, W4, W5, W6</td>
</tr>
<tr>
<td>6511. _ _ _ _</td>
<td>30 x 30 x 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>6512. _ _ _ _</td>
<td>27 x 30 x 3/4&quot;</td>
<td></td>
</tr>
</tbody>
</table>

For LEED contribution contact TechLine 877 276-7876, armstrongceilings.com/woodworks

For perforation % open area, refer to Pgs. 153-154.

For infill panel information, refer to Pg. 184.
WOODWORKS®
Tegular

WOODWORKS® TRIM INSTALLATION

Trim with Tegular Panel

Trim with Cut Tegular Panel

WOODWORKS TRIM (ALUMINUM SUBSTRATE) INSTALLATION

FXTBC Detail

Trim Assembly for Tegular Panel

TOTAL ACOUSTICS® PANEL INSTALLATION

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

WoodWorks® Tegular ceiling panel with acoustical panel installed for Total Acoustics® performance
## ACCESSORIES

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions (Inches)</th>
<th>Color</th>
<th>Pcs/Crtn</th>
</tr>
</thead>
<tbody>
<tr>
<td>5415W1_</td>
<td>4&quot; WoodWorks® Trim (with FSC®-certified wood substrate)</td>
<td>4 x 96 x 3/4&quot;</td>
<td>See Colors on Page 252</td>
<td>6</td>
</tr>
<tr>
<td>5419W1_</td>
<td>6&quot; WoodWorks Trim (with FSC-certified wood substrate)</td>
<td>6 x 96 x 3/4&quot;</td>
<td>See Colors on Page 252</td>
<td>4</td>
</tr>
<tr>
<td>5659W1_</td>
<td>4&quot; WoodWorks Trim (with aluminum substrate)</td>
<td>4&quot; x 120&quot;</td>
<td>See Colors on Page 252</td>
<td>6</td>
</tr>
<tr>
<td>5660W1_</td>
<td>6&quot; WoodWorks Trim (with aluminum substrate)</td>
<td>6&quot; x 120&quot;</td>
<td>See Colors on Page 252</td>
<td>6</td>
</tr>
<tr>
<td>7804BL</td>
<td>Angle Molding (recommended with wood trims)</td>
<td>7/8 x 144 x 9/16&quot;</td>
<td>Black</td>
<td>2</td>
</tr>
<tr>
<td>FXTBC</td>
<td>T-Bar Connector Clip</td>
<td>–</td>
<td>–</td>
<td>10</td>
</tr>
<tr>
<td>FXVTBC</td>
<td>Vector® T-Bar Connector Clip</td>
<td>–</td>
<td>–</td>
<td>10</td>
</tr>
<tr>
<td>FXSPLICE</td>
<td>Splice Plate with Setscrews</td>
<td>–</td>
<td>–</td>
<td>10</td>
</tr>
<tr>
<td>FX4SPLICE</td>
<td>Splice Plate with Setscrews</td>
<td>–</td>
<td>–</td>
<td>10</td>
</tr>
<tr>
<td>6408_</td>
<td>3/4&quot; Edge Banding</td>
<td>3/4&quot; x 300&quot;</td>
<td>See Colors on Page 252</td>
<td>–</td>
</tr>
<tr>
<td>7891</td>
<td>12-Gauge Hanger Wire</td>
<td>144&quot; Length</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>92715A620</td>
<td>Self-tapping Screws</td>
<td>#2 x 3/4&quot; Length</td>
<td>Black</td>
<td>25</td>
</tr>
<tr>
<td>1713BL</td>
<td>Fine Fissured™ Lay-in 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® Lay-in Panel</td>
<td>24 x 24 x 1&quot;</td>
<td>Black</td>
<td>10</td>
</tr>
<tr>
<td>5479</td>
<td>BioAcoustic™ Infill Panel</td>
<td>24 x 24 x 5/8&quot;</td>
<td>Beige Matte</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>8200100</td>
<td>Fiberglass Infill Panel</td>
<td>24 x 24 x 1&quot;</td>
<td>Black Gloss</td>
<td>12</td>
</tr>
<tr>
<td>6091</td>
<td>Safety Cable</td>
<td>–</td>
<td>–</td>
<td>50</td>
</tr>
</tbody>
</table>

◆ When specifying or ordering, include the color suffix that coordinates with your WoodWorks ceiling: (e.g., 5415W1 N M P)

## PHYSICAL DATA

**Material**
Fire-retardant particle board with face-cut veneers; FSC®-certified fire-retardant particle board with face-cut veneers (RA-COC-003601). For more information about FSC®-certified fire-retardant products, or to view our FSC®-certification letter, visit armstrongceilings.com/woodworksfsc.

**Surface Finish**
Clear or tinted semigloss coating

**Fire Performance**
ASTM E84 surface burning characteristics. HPVA Certified with audit program under ASTM E84. Flame Spread Index 5 or less. Smoke Developed Index 50 or less. CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

## Acoustical Performance

ASTM tests conducted using Silhouette® suspension system.

**ASTM E1264 Classification**
Composite = Fire Class A

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

**Application Considerations**
Variation among panels may occur due to the natural characteristics of the wood and grain. It is very important that WoodWorks® panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 88°F, must be maintained throughout the life of the product.

**Design Considerations**
Different panels should not be installed together. Perforated border on 24" x 72" panels are different than other panel sizes.

**Seismic Restraint**
WoodWorks® Tegular solid wood panels have been engineered, tested, and approved for use in all seismic areas when installed per Armstrong Ceilings installation instructions.

**Warranty**
Details at armstrongceilings.com

**Weight, Square Feet**
Panels – 2.75 lbs/SF

---

**Specification Consideration**
Attention: For FSC-certified wood products to maintain their CoC certification, products must be sold to a CoC-certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.

**Installation Consideration for Tegular Panels**
Due to panel weight, 24" x 48" and 24" x 72" panels require that the suspension system be attached to the back with safety cables attached. 12" x 72" and 24" x 72" panels require the use of suspension system stabilizer clips (which are included in the cartons).

## SUSPENSION SYSTEMS

<table>
<thead>
<tr>
<th>9/16&quot; Tegular</th>
<th>Silhouette®</th>
<th>Suprafine®</th>
<th>Interlude® XL® HRC</th>
</tr>
</thead>
</table>

**Suprafine® suspension system is available in many standard colors. All other suspension systems are available in standard White only. Other colors available as special order.**
Fully accessible wood panels are available in multiple options for acoustical and aesthetic needs.

**KEY SELECTION ATTRIBUTES**

- **Vector® edge detail** provides safe and secure downward accessibility without tools and narrow reveal visual (1/4”)
- **Create upturns for continuous visuals and clouds with WoodWorks trim** (see page 252 for trim options)
- **Coordinating WoodWorks® walls available** (see pages 522-523 for wall offering)
- **18” x 18” Tegular infill panels now available for Metaphors® Coffers; for details, visit armstrongceilings.com/metaphors**
- **Acoustical fleece backing option available for improved sound absorption**
- **Installation with minimum plenum clearance (Vector)**
- **Shorter lead times and lower cost than custom millwork**

**PERFORATION OPTIONS** *(Actual 1:6 scale shown)*

- **W1** (Unperforated)
- **W2 – Rg 6006** (Round Straight)
- **W3 – Rd 6006** (Round Diagonal)
- **W4 – Rg 6011** (Round Straight)
- **W5 – Lg 9512** (Oval Straight Slotted)
- **W6 – Lg 9508** (Oval Straight Slotted)

* Slotted perforations run parallel to the length of the panel and borders vary with panel size.

**VENEERS**

- **Natural Variations™** (Real Wood Veneers)
  - Bleach (NBE)
  - Maple (NMP)
  - Light Cherry (NLC)
  - Dark Cherry (NDC)
  - Oak (NOX)
  - Walnut Espresso (NWE)
- **Constants™** (Real Wood Veneers)
  - Maple (CMA)
  - Cherry (CCY)
  - Walnut (CWA)
  - Redwood (CRW)
- **Bamboo***
  - Patina (BAP)
  - Native (BAN)
  - Custom Veneers Available

* Veneer is rapidly renewable. Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.

See more photos at: armstrongceilings.com/photogallery
**WOODWORKS® Vector®**

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions Nominal W x L x H (Inches)</th>
<th>Perforations</th>
<th>Custom Sizes Available</th>
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</thead>
<tbody>
<tr>
<td>WOODWORKS® Vector®</td>
<td>5401</td>
<td>24 x 24 x 3/4”</td>
<td>W1, W2, W3, W4, W5, W6</td>
<td>Yes</td>
</tr>
<tr>
<td>FSC®-certified WOODWORKS® Vector®</td>
<td>5403</td>
<td>24 x 24 x 3/4”</td>
<td>W1, W2, W3, W4, W5, W6</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>6480</td>
<td>12 x 48 x 3/4”</td>
<td></td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>6482</td>
<td>24 x 48 x 3/4”</td>
<td></td>
<td>Yes</td>
</tr>
</tbody>
</table>

When specifying or ordering, include the appropriate 2-digit perforation and 3-letter color suffixes. For veneers, sizes, and perforation patterns available as special order, call TechLine at 1-877-276-7876. NOTE: Vector® panels do not have face cut edges. Can be specified as a premium option.

**VECTOR PANEL INSTALLATION DETAILS**

**Step 1:** Fully insert the deepest kerf of edge “A”, the access kerf, onto the exposed grid flange.

**Step 2:** Raise the “B” edge of the panel, the registration kerf, into the grid opening until the kerf lines up with the grid flange.

**Step 3:** Slide the panel so that the registration kerf on edge “B” engages the grid flange. Ensure that the access kerf on edge “A” drops down into the correct position.

**SUSPENSION SYSTEMS**

15/16” Vector

Prelude®

Prelude suspension system is available in many standard colors. Other colors available as special order.

**WOODWORKS TRIM INSTALLATION**

**PHYSICAL DATA**

**Material**
Fire retardant particle board with face-cut veneers; FSC®-certified fire retardant particle board with face-cut veneers (RA-COC-003601). For more information about FSC®-certified fire retardant products or to view our FSC®-certification letter, visit armstrongceilings.com/woodworksfsc.

**Surface Finish**
Clear or tinted semigloss coating

**Fire Performance**
ASTM E84 surface burning characteristics, HPVA Certified with audit program per ASTM E84. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Index 50 or less.

ASTM E1264 Classification
Composite – Fire Class A
Primary (Embodyed) Energy
See all LCA information on our EPDs.

**Application Considerations**
Variation among panels may occur due to the natural characteristics of the wood and grain. It is very important that WoodWorks panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 20°F and 88°F, must be maintained throughout the life of the product.

**Design Considerations**
Different panel sizes should not be installed together. Perforated border on 24” x 72” panels are different than other panel sizes. Vector safety clips included with panels may be visible through panel perforations.

**ACOUSTICAL INFORMATION**

Dots represent high level of performance. Perforation NRC* CAC*

<table>
<thead>
<tr>
<th>Fire Rating</th>
<th>W1</th>
<th>W2</th>
<th>W3</th>
<th>W4</th>
<th>W5</th>
<th>W6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NRC*</td>
<td>0.40</td>
<td>0.40</td>
<td>0.65</td>
<td>0.55</td>
<td>0.40</td>
<td>0.40</td>
</tr>
<tr>
<td>CAC*</td>
<td>28</td>
<td>28</td>
<td>28</td>
<td>28</td>
<td>28</td>
<td>28</td>
</tr>
</tbody>
</table>

*Maximum NRC achieved with acoustical infill (item 540100 or 5479). When infill is used, CAC is 28. For additional infill options, refer to Page 252.

**EXAMPLE:**

**WOODWORKS® TRIM INSTALLATION**

**Trimmable Panel**

Nominal 1/4” vertical reveal
Wood Substrate Trim with Vector Panel

Nominal 1/4” horizontal reveal

Trim with Cut Vector Panel

**Perforation:**

Woodworks® Vector® Border Clip

**Perforation:**

Woodworks® Vector® Panel

**Perforation:**

Woodworks® Perimeter Trim

**Trimmable Panel**

Nominal 1/2” turn reveal

Wood Substrate Trim Assembly for Vector Panel

**Trimmable Panel**

Nominal 1/4” vertical reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/4” horizontal reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” horizontal reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” vertical reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” horizontal reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” vertical reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” horizontal reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” vertical reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” horizontal reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” vertical reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” horizontal reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” vertical reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” horizontal reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” vertical reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” horizontal reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” vertical reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” horizontal reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” vertical reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” horizontal reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” vertical reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” horizontal reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” vertical reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” horizontal reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” vertical reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” horizontal reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” vertical reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” horizontal reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” vertical reveal

Wood Substrate Trim with Vector Panel

**Trimmable Panel**

Nominal 1/2” horizontal reveal

Wood Substrate Trim with Vector Panel
Now get Total Acoustics® performance with WoodWorks® Channeled 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
- Real wood veneers or Images™ high-quality printed visuals
- Create a continuous ceiling, cloud, or ceiling-to-wall transition
- Standard acoustical fleece provides sound absorption
- Shorter lead times and lower costs than custom millwork
- Class A fire performance

**Natural Variations™ Finishes**

- FSC® chain of custody (CoC) certified
- WoodWorks products represent responsible production and consumption practices from the forest to the consumer
- 100% Biobased content
- BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® credits

**Images™ Finishes**

- Larger Tegular panel sizes – 24” x 48”, 12” x 48”, and 30” x 30” for even more design flexibility
- BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® credits

**VENEERS**

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

**Natural Variations** (Real Wood Veneers)

- Maple (NMP)
- Light Cherry (NLC)
- Dark Cherry (NDC)

**IMAGES™ FINISHES**

(High-Quality Printed Finishes)

- Maple (PMP)
- Light Cherry (PLC)
- Dark Cherry (PDC)

**VENEEPER PERFORATION OPTIONS**

(Actual 1:2 scale shown)

- W7 (13mm profile with 3mm groove)
- W8 (5mm profile with 3mm groove)
- W9 (25mm profile with 3mm groove)

**IMAGES PERFORATION OPTIONS**

(Actual 1:2 scale shown)

- W7 (13mm profile with 3mm groove)
- W9 (25mm profile with 3mm groove)
WOODWORKS® Channeled
Tegular

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions Nominal W x L x H (Inches)</th>
<th>Perforations</th>
<th>Fire Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/16&quot; Tegular</td>
<td>5904</td>
<td>24 x 24 x 3/4&quot;</td>
<td>W7, W8, W9</td>
<td>Class A</td>
</tr>
<tr>
<td>6683</td>
<td></td>
<td>24 x 24 x 11/16&quot;</td>
<td>W7, W9</td>
<td>Class A</td>
</tr>
<tr>
<td></td>
<td>6681</td>
<td>12 x 48 x 11/16&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6685</td>
<td>24 x 48 x 11/16&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6687</td>
<td>30 x 30 x 11/16&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Acoustical Performance

- Calla® Square Lay-in Acoustic Panel
- BioAcoustic Infill Panel
- Fiberglass Infill Panel

Fire Performance

- Smoke Developed Classification 50 or less.
- Flame Spread Rating 25 or less.
- Can/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

Material

- FSC®-certified WoodWorks® Channeled Tegular Veneers Perforated (with Acoustical Fleece)
- FSC®-certified WoodWorks® Channeled Tegular Images™ Finishes Perforated (with Acoustical Fleece)

Suspension Systems

- Tegular
- Suprafine
- Interlude™ XL® HRC

SUSPENSION SYSTEMS

- Suprafine suspension system is available in many standard colors.
- All other suspension systems are available in standard White only. Other colors available as special order.

ACOUSTICAL INFORMATION

- Performance determined by perforation size
- WoodWorks® Channeled ceiling panel with Calla® 2820 acoustic infill panel for Total Acoustics® performance

ACCESSORIES

- Natural Variations™ and Images™ finishes are designed to coordinate with each other. Trim and infill panels are available. See Pgs. 252-253 in this catalog.

PHYSICAL DATA

- Material: FSC®-certified fire-retardant medium-density fiberboard with face-cut veneers (RA-C00-003601). For more information about FSC®-certified products, or to view our FSC®-certification letter, visit armstrongceilings.com/woodworks
- Surface Finish: Clear or tinted semigloss coating
- Fire Performance: ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

Specification Consideration

- Attention: For FSC certified wood products to maintain their CoC certification, products must be sold to a CoC certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.

Seismic Restraint

- WoodWorks Channeled wood panels have been engineered, tested, and approved in all seismic areas when installed per Armstrong Ceilings installation instructions.

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WOODWORKS® Channeled
Vector®

These FSC®-certified ceiling panels are available in rich, real wood veneers or economical Wood Looks visuals.

**KEY SELECTION ATTRIBUTES**
- Real wood veneers or Images™ high-quality printed visuals
- Create a continuous ceiling, cloud, or ceiling-to-wall transition
- Acoutstical backing improves sound quality
- Shorter lead times and lower costs than custom millwork
- Class A fire performance

**Natural Variations™ Finishes**
- FSC chain of custody (CoC) certified WoodWorks® products represent responsible production and consumption practices from the forest to the consumer
- 100% Biobased content
- BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® credits

**Images™ Finishes**
- Larger Vector panel sizes – 24” x 48”, 12” x 48”, and 30” x 30” for even more design flexibility
- BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® credits

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

**Natural Variations** (Real Wood Veneers)
- Maple (NMP)
- Light Cherry (NLC)
- Dark Cherry (NDC)

**IMAGES™ FINISHES**
(High-Quality Printed Finishes)
- Maple (PMP)
- Light Cherry (PLC)
- Dark Cherry (PDC)

**VENER PERFORATION OPTIONS**
(Actual 1:2 scale shown)
- W7 (13mm profile with 3mm groove)
- W8 (5mm profile with 3mm groove)
- W9 (25mm profile with 3mm groove)

**IMAGES PERFORATION OPTIONS**
(Actual 1:2 scale shown)
- W7 (13mm profile with 3mm groove)
- W9 (25mm profile with 3mm groove)
**WOODWORKS® Channeled Vector®**

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions Nominal W x L x H (Inches)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSC®-certified WOODWORKS Channeled Vector® Veneers Perforated (with Acoustical Fleece)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/4” Reveal with 15/16” Vector</td>
<td>5903</td>
<td>24 x 24 x 3/4”</td>
<td>W7, W8, W9</td>
</tr>
<tr>
<td>FSC®-certified WOODWORKS Channeled Vector Images™ Finishes Perforated (with Acoustical Fleece)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/4” Reveal with 15/16” Vector</td>
<td>6682</td>
<td>24 x 24 x 11/16”</td>
<td>W7, W9</td>
</tr>
<tr>
<td>6680</td>
<td>12 x 48 x 11/16”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6684</td>
<td>24 x 48 x 11/16”</td>
<td></td>
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</tr>
<tr>
<td>6686</td>
<td>30 x 30 x 11/16”</td>
<td></td>
<td></td>
</tr>
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</table>

(When specifying or ordering, include the appropriate 2-letter perforation suffix and the color suffix (e.g., 6682W 7 P M P ).)

**PHYSICAL DATA**

**Material**
FSC®-certified fire-retardant medium-density fiberboard with face-cut veneers (RA-COC-003601).

For more information about FSC®-certified products, or to view our FSC®-certification letter, visit armstrongceilings.com/woodworksfsc

**Surface Finish**
Clear or tinted semigloss coating

**Fire Performance**
ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

**ASTM E1264 Classification**
Composite – Fire Class A

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

It is very important that WoodWorks® panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained throughout the life of the product.

**Specification Consideration**
Attention: For FSC certified wood products to maintain their CoC certification, products must be sold to a CoC-certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.

**Seismic Restraint**
WoodWorks Channeled wood panels have been engineered, tested, and approved in all seismic areas when installed per Armstrong Ceilings installation instructions.

**Warranty**
Details at armstrongceilings.com

**Panel Weight**
2.2 lbs/SF (Bulk packaged)

**ACCESSORIES**
Natural Variations™ and Images™ finishes are designed to coordinate with each other. Trim and infill panels are available. See Pgs. 252-253 in this catalog or visit armstrongceilings.com/woodworks

**SUSPENSION SYSTEMS**

15/16” Vector

Prelude®

Prelude suspension system is available in many standard colors. All other suspension systems are available in standard White only. Other colors available as special order.
WOODWORKS® Channeled
Planks

These FSC®-certified ceiling panels are available in rich, real wood veneers or economical Wood Looks visuals.

KEY SELECTION ATTRIBUTES

- Create a continuous ceiling or cloud
- Create a ceiling-to-wall transition
- Real Wood Veneers
- Standard acoustical fleece improves sound absorption
- Shorter lead times and lower costs than custom millwork
- Class A fire performance

Natural Variations™ Finishes

- FSC® chain of custody (CoC) certified WoodWorks® products represent responsible production and consumption practices from the forest to the consumer
- 100% Biobased content
- BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® credits

Images™ Finishes

- Larger Tegular and Vector® panel sizes – 24" x 48", 12" x 48", and 30" x 30" for even more design flexibility
- BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® credits

VENEERS

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

Natural Variations™ (Real Wood Veneers)

Maple (NMP)
Light Cherry (NLC)
Dark Cherry (NDC)

IMAGES™ FINISHES

(High Quality Printed Finishes)

Maple (PMP)
Light Cherry (PLC)
Dark Cherry (PDC)

VENEER PERFORATION OPTIONS

(Actual 1:2 scale shown)

W7 (13mm profile with 3mm groove)
W8 (5mm profile with 3mm groove)
W9 (25mm profile with 3mm groove)

IMAGES PERFORATION OPTIONS

(Actual 1:2 scale shown)

W7 (13mm profile with 3mm groove)
W9 (25mm profile with 3mm groove)
WOODWORKS® Channeled Planks

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions Nominal W x L x H (Inches)</th>
<th>Perforations</th>
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<tr>
<td>FSC®-certified WOODWORKS® Channeled Plank Veneers Perforated (with Acoustical Fleece)</td>
<td>5900C</td>
<td>5.553 x 96 x 3/4&quot;</td>
<td>W7, W8, W9*</td>
</tr>
<tr>
<td>FSC®-certified WOODWORKS® Channeled Plank with Images™ Finishes Perforated (with Acoustical Fleece)</td>
<td>6688C</td>
<td>5.553 x 96 x 11/16&quot;</td>
<td>W7, W9*</td>
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PERFORMANCE

<table>
<thead>
<tr>
<th>Fire Rating</th>
<th>NRC planks</th>
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<tbody>
<tr>
<td>Class A</td>
<td>0.75†</td>
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<tr>
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<td>0.55</td>
</tr>
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<td>Class A</td>
<td>0.80†</td>
<td>0.60†</td>
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INSTALLATION DETAILS

Ceiling Configuration with Clip 5389

SUSPENSION SYSTEMS

15/16" Suspention Systems

CEILING PLANK CLIPS

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Dimensions</th>
<th>Color</th>
<th>Pcs./Ctn.</th>
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<tbody>
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<td>N/A</td>
<td>250</td>
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</tbody>
</table>

ACOUSTICAL INFORMATION

Dots represent high level of performance.

<table>
<thead>
<tr>
<th>Perforation</th>
<th>NRC</th>
<th>D20 Mount</th>
</tr>
</thead>
<tbody>
<tr>
<td>W7</td>
<td>0.75†</td>
<td>0.50</td>
</tr>
<tr>
<td>W8</td>
<td>0.80†</td>
<td>0.55</td>
</tr>
<tr>
<td>W9</td>
<td>0.80†</td>
<td>0.60†</td>
</tr>
</tbody>
</table>

EXAMPLE: 6688C W7 NMP

APPLICATION CONSIDERATIONS

For FSC certified wood products to maintain their CoC certification, products must be sold to a CoC-certified producer or distributor, and the product must be maintained throughout the life of the product. Failure to do so breaks the CoC.

Seismic Restraint

WoodWorks Channeled wood planks have been engineered, tested, and approved in all seismic areas when installed per Armstrong Ceilings installation instructions.

WARRANTY

Details at armstrongceilings.com

PANEL WEIGHT

2.2 lbs/ SF (Bulk packaged)
WOODWORKS® Concealed
Concealed Suspension

This easy-to-install ceiling with a concealed suspension offers a continuous, monolithic visual.

**KEY SELECTION ATTRIBUTES**

- Mix and match standard panel sizes on the same project
- Narrow 1/4" reveal visual and 6" aluminum trim available in coordinating wood finishes, or black
- Coordinating WoodWorks® walls (see pages 520-521 for wall offering)
- Patented hook-on panels (for standard 15/16" suspension system) provide safe and secure downward accessibility
- Shorter lead times and lower cost than custom millwork
- Factory-edge banded for superior quality
- Complete standard system from one manufacturer (suspension system/panels/trim)
- Acoustical fleece option available for increased sound absorption

**VENEERS**

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

<table>
<thead>
<tr>
<th>Natural Variations™</th>
<th>Veneer</th>
<th>Constants™</th>
<th>Veneer</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Real Wood Veneers)</td>
<td>Beech (NBE)</td>
<td>Maple (CMA)</td>
<td>Patina (BAP)</td>
</tr>
<tr>
<td></td>
<td>Maple (NMP)</td>
<td>Cherry (CDY)</td>
<td>Native (BAN)</td>
</tr>
<tr>
<td></td>
<td>Light Cherry (NLC)</td>
<td>Walnut (CWA)</td>
<td>Bamboo*</td>
</tr>
<tr>
<td></td>
<td>Dark Cherry (NDC)</td>
<td>Redux Wood Wheat (CRW)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Walnut (NWN)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oak (NOK)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Walnut Espresso (NWE)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PERFORATION OPTIONS**

(Actual 1:6 scale shown)

- W1 (Unperforated)
- W2 – Rg 6006 (Round Straight)
- W3 – Rd 6006 (Round Diagonal)
- W4 – Rg 6011 (Round Straight)
- W5 – Lg 9512 (Oval Straight Slotted)
- W6 – Lg 9508 (Oval Straight Slotted)

NOTE: Slotted perforations run parallel to the length of the panel.

* Veneer is rapidly renewable. Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.
WOODWORKS® Concealed Ceiling System

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions Nominal W x L x H (Inches)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; Reveal</td>
<td>5983</td>
<td>24 x 48 x 3/4&quot;</td>
<td>W1, W2, W3, W4, W5, W6</td>
</tr>
<tr>
<td></td>
<td>5984</td>
<td>24 x 72 x 3/4&quot;</td>
<td>W1, W2, W3, W4, W5, W6</td>
</tr>
<tr>
<td></td>
<td>5895</td>
<td>24 x 96 x 3/4&quot;</td>
<td>W1, W2, W3, W4, W5, W6</td>
</tr>
</tbody>
</table>

When specifying or ordering, include the appropriate 2-digit perforation and 3-letter color suffixes. For veneers, sizes, and perforation patterns available as special order, call TechLine at 1-877-276-7876.

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions (Inches)</th>
<th>Color</th>
<th>Pieces/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>6603W1</td>
<td>WoodWorks Concealed Trim*</td>
<td>6&quot; x 120&quot;</td>
<td>Standard Veneers (see below)</td>
<td>6</td>
</tr>
<tr>
<td>8200100</td>
<td>Fiberglass Infill Panel</td>
<td>24 x 24 x 1&quot;</td>
<td>Black</td>
<td>12</td>
</tr>
<tr>
<td>5479</td>
<td>BioAcoustic™ Infill Panel</td>
<td>24 x 24 x 5/8&quot;</td>
<td>Beige</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>6408</td>
<td>Edge Banding</td>
<td>300&quot; x 3/4&quot;</td>
<td>Standard Veneers (see page 236)</td>
<td>1</td>
</tr>
<tr>
<td>7239</td>
<td>Adjustable Trim Clip</td>
<td>–</td>
<td>N/A</td>
<td>50</td>
</tr>
</tbody>
</table>

* Trim carbons include FXTBC Clips and FX4SPICE Splice Plates.

**ACOUSTICAL INFORMATION**

<table>
<thead>
<tr>
<th>Perf oration</th>
<th>NRC**</th>
</tr>
</thead>
<tbody>
<tr>
<td>W1</td>
<td>0.75</td>
</tr>
<tr>
<td>W2</td>
<td>0.40</td>
</tr>
<tr>
<td>W3</td>
<td>0.40</td>
</tr>
<tr>
<td>W4</td>
<td>0.65</td>
</tr>
<tr>
<td>W5</td>
<td>0.55</td>
</tr>
<tr>
<td>W6</td>
<td>0.40</td>
</tr>
</tbody>
</table>

**SUSPENSION SYSTEMS**

When ordering suspension system materials, please note that this product requires Prelude® Heavy-duty (HD) main beams and 2’ cross tees that are full height (11/16”). Both suspension system components should be specified in Tech Black (BL).

**PHYSICAL DATA**

**Materials**

FSC®-certified fire-retardant particle board with face-cut veneers (RA-COC-003601). For more information about FSC®-certified products, or to view our FSC®-certification letter, visit armstrongceilings.com/woodworksfscc.

15/16" Standard: Prelude® BL (Tech Black)

**Performance Considerations**

Variation among panels may occur due to the natural characteristics of the wood and grain. Use of large wood panels may result in deflection up to 1/8” and cause alignment inconsistency due to size and ambient conditions. It is very important that WoodWorks® panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 88°F, must be maintained throughout the life of the product.

**Design Considerations**

For additional configuration ideas, refer to the WoodWorks Concealed Technical Guide, BPCS-4274, or visit armstrongceilings.com/woodworks.

Do not mix different panel sizes with slotted perforations.

See all LCA information on our EPDs.
WOODWORKS® Grille Tegular

KEY SELECTION ATTRIBUTES

- 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 slats are deeper than they are wide creating a more open feel
- Horizontal slats 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 slat designs
- FSC® and Rainforest Alliance® 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 downward accessible without the use of clips

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

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

TOTAL ACOUSTICS® PANEL INSTALLATION

WoodWorks® Grille ceiling panel with Calla® 2820BK acoustic infill panel for Total Acoustics® performance

armstrongceilings.com/capabilities
See more photos at: armstrongceilings.com/photogallery
WOODWORKS® Grille
Tegular

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>Custom Sizes Available</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; 12 horizontal slats</td>
<td>24 x 24 x 1&quot;</td>
<td>□</td>
</tr>
<tr>
<td>9/16&quot; Tegular with Vertical Slats</td>
<td>662912_ _ _</td>
<td>1/2&quot; x 1-1/2&quot; 12 vertical slats</td>
<td>24 x 24 x 2&quot;</td>
<td>□</td>
</tr>
</tbody>
</table>

FSC®-certified WOODWORKS® Grille Tegular for 9/16" Suspension System

FSC®-certified WOODWORKS® Grille Tegular for 15/16" Suspension System

TRIM

<table>
<thead>
<tr>
<th>Item No.</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, GW</td>
<td>Bulk</td>
</tr>
</tbody>
</table>

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

TRIM AND ACOUSTICAL INFILL PANELS

TRIM AND INFILL PANELS

SUSPENSION SYSTEM

<table>
<thead>
<tr>
<th>Item No.</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>7239_ _ _</td>
<td>Adjustable Trim Clip</td>
<td>–</td>
<td>N/A</td>
<td>50</td>
</tr>
</tbody>
</table>

PHYSICAL DATA

Material

Solid Poplar (yellow or hybrid) (RA-COC-003601)

Surface Finish

Clear or tinted semigloss coating on all finishes except Grille White (GWH). Grille White (GWH) has a lacquer finish.

Fire Performance

Solid Poplar Hardwood Slats and Backers – ASTM E84 surface burning characteristics. Flame Spread Index 200 or less. Smoke Developed Index 450 or less.

Fire performance will vary between species.

Class A intumescent treatment is available for all finishes except Grille White (GWH). Results will vary on a project-by-project basis. Contact TechLine at 1 877 276 7876 for details.

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/grille

Acoustics Considerations

NRC-tested using white panels. Painted panels may experience a slight reduction in NRC due to color painting processes.

Application Considerations

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

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Rainforest Alliance® and Rainforest Alliance Certified™ are trademarks of Rainforest Alliance. Revit® is a registered trademark of Autodesk, Inc.
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Design Considerations

If no infill panel is used, unfinished parts of the suspension system and Axiom® trim will be visible from below. Item 662912 24 x 24 vertical slat panels are designed for checkerboard only. An uneven reveal between slats will be visible, if installed in a linear fashion.

Seismic Restraint

WoodWorks Grille has been engineered, tested, and approved for application in all seismic areas when installed per Armstrong Ceilings installation instructions.

Warranty

Details at armstrongceilings.com
Weight (Bulk packaged) 662808, 662912, 663008, 663112 – 0.875 lbs/5F 662812, 663012 – 0.775 lbs/5F
WOODWORKS® Grille
Solid Wood Backer, Dowel, and Backer & Dowel Combination

These warm, natural wood ceilings offer installation flexibility and a variety of design options.

KEY SELECTION ATTRIBUTES

- 13 pre-designed panels with new slat heights and widths
- Custom slat sizes and finishes available for every project
- Now, painted White finish for maximum design flexibility
- Install in the ceiling, on the wall, or create 90º angled or faceted ceiling-to-wall transitions
- Easy installation with dowel or backer, or backer and dowel combination
- FSC® and Rainforest Alliance Certified wood options available

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

NOTE: Panel backers are black. Custom backer colors available.
# WOODWORKS® Grille

## Solid Wood Backer, Dowel, and Backer & Dowel Combination

### VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Slat Width</th>
<th>Slat Height</th>
<th>Slats Per Panel</th>
<th>Slat Spacing (Nominal)</th>
<th>Dimensions (INCHES)</th>
<th>Custom Slat Sizes Available</th>
<th>Custom Panel Sizes Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>WOODWORKS® Grille — Backer, Dowel, and Backer &amp; Dowel Combination</td>
<td>7263</td>
<td>5/8&quot;</td>
<td>1-3/8&quot;</td>
<td>6 slats</td>
<td>1-3/8&quot;</td>
<td>12 x 96 x 1-7/8&quot; Backer Only 12 x 96 x 1-3/8&quot; Dowel Only</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7264</td>
<td>5/8&quot;</td>
<td>1-3/8&quot;</td>
<td>8 slats</td>
<td>7/8&quot;</td>
<td>12 x 96 x 1-7/8&quot; Backer Only 12 x 96 x 1-3/8&quot; Dowel Only</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7265</td>
<td>5/8&quot;</td>
<td>2-1/4&quot;</td>
<td>6 slats</td>
<td>1-3/8&quot;</td>
<td>12 x 96 x 2-3/4&quot; Backer Only 12 x 96 x 2-1/4&quot; Dowel Only</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7266</td>
<td>5/8&quot;</td>
<td>2-1/4&quot;</td>
<td>8 slats</td>
<td>7/8&quot;</td>
<td>12 x 96 x 2-3/4&quot; Backer Only 12 x 96 x 2-1/4&quot; Dowel Only</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7091</td>
<td>5/8&quot;</td>
<td>3-1/4&quot;</td>
<td>5 slats</td>
<td>1-3/4&quot;</td>
<td>12 x 96 x 3-1/4&quot; Backer &amp; Dowel 12 x 96 x 3-1/4&quot; Dowel Only</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7092</td>
<td>5/8&quot;</td>
<td>3-1/4&quot;</td>
<td>6 slats</td>
<td>1-3/4&quot;</td>
<td>12 x 96 x 3-1/4&quot; Backer &amp; Dowel 12 x 96 x 3-1/4&quot; Dowel Only</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7093</td>
<td>5/8&quot;</td>
<td>4-1/4&quot;</td>
<td>5 slats</td>
<td>1-3/4&quot;</td>
<td>12 x 96 x 4-1/4&quot; Backer &amp; Dowel 12 x 96 x 4-1/4&quot; Dowel Only</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7094</td>
<td>1&quot;</td>
<td>2-1/4&quot;</td>
<td>4 slats</td>
<td>2&quot;</td>
<td>12 x 96 x 2-1/4&quot; Backer Only 12 x 96 x 2-1/4&quot; Dowel Only</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7095</td>
<td>1&quot;</td>
<td>3-1/4&quot;</td>
<td>4 slats</td>
<td>2&quot;</td>
<td>12 x 96 x 3-1/4&quot; Backer Only 12 x 96 x 3-1/4&quot; Dowel Only</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7096</td>
<td>1&quot;</td>
<td>4-1/4&quot;</td>
<td>4 slats</td>
<td>2&quot;</td>
<td>12 x 96 x 4-1/4&quot; Backer Only 12 x 96 x 4-1/4&quot; Dowel Only</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7097</td>
<td>1-1/4&quot;</td>
<td>3-1/4&quot;</td>
<td>3 slats</td>
<td>2-3/4&quot;</td>
<td>12 x 96 x 3-1/4&quot; Backer &amp; Dowel 12 x 96 x 3-1/4&quot; Dowel Only</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7098</td>
<td>1-1/4&quot;</td>
<td>4-1/4&quot;</td>
<td>3 slats</td>
<td>2-3/4&quot;</td>
<td>12 x 96 x 4-1/4&quot; Backer &amp; Dowel 12 x 96 x 4-1/4&quot; Dowel Only</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7099</td>
<td>1-1/4&quot;</td>
<td>5-1/4&quot;</td>
<td>3 slats</td>
<td>2-3/4&quot;</td>
<td>12 x 96 x 5-1/4&quot; Backer &amp; Dowel 12 x 96 x 5-1/4&quot; Dowel Only</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| When specifying or ordering please include the installation type and color suffixes (e.g., BO = Backer, DO = Dowel, BD = Backer & Dowel Combination) |
| NOTE: For additional color and size options, or curved applications options with flexible Backers (special order), call TechLine at 1-877-276-7876. |
| * Actual panel length is 96" |
| NOTE: Panel backers are black. Custom backer colors available. |

### ACOUSTICAL INFORMATION

Dots represent high level of performance.

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Dimensions Nominal W x L (INCHES)</th>
<th>Color (Refer to Pg. 185)</th>
<th>Pcs/Ctn</th>
</tr>
</thead>
<tbody>
<tr>
<td>5688</td>
<td>Dowel Clip</td>
<td>3/8 x 7/8 x 7/8&quot;</td>
<td>N/A</td>
<td>250 pcs/pail</td>
</tr>
<tr>
<td>5671</td>
<td>Ledger</td>
<td>4 x 1 x 1-1/4&quot;</td>
<td>All finishes</td>
<td>Bulk</td>
</tr>
<tr>
<td>7891</td>
<td>12-Gauge Soft Hanger Wire</td>
<td>1-1/4&quot; Length</td>
<td>N/A</td>
<td>140</td>
</tr>
<tr>
<td>92715A620</td>
<td>Self-tapping Screws</td>
<td>#2 x 3/4&quot; Length</td>
<td>Black</td>
<td>25</td>
</tr>
<tr>
<td>6459BL</td>
<td>Uptight Clip</td>
<td>5-1/2&quot; x 1-3/4&quot;</td>
<td>Black</td>
<td>25</td>
</tr>
<tr>
<td>RC2BL</td>
<td>RC2 Radius Clip</td>
<td>N/A</td>
<td>Black</td>
<td>205</td>
</tr>
<tr>
<td>7239</td>
<td>Adjustable Trim Clip</td>
<td>–</td>
<td>N/A</td>
<td>50</td>
</tr>
</tbody>
</table>

### SUFFIX GUIDE

- Backer Only = BO
- Dowel Only = DO
- Backer & Dowel Combination = BD

### ACCESSORIES

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Dimensions Nominal W x L (INCHES)</th>
<th>Color (Refer to Pg. 185)</th>
<th>Pcs/Ctn</th>
</tr>
</thead>
<tbody>
<tr>
<td>5672</td>
<td>Junction — 1-3/8&quot;</td>
<td>1 x 1-1/2 x 96 x 2&quot;</td>
<td>All finishes</td>
<td>Bulk</td>
</tr>
<tr>
<td>5674</td>
<td>End Cap — 1-3/8&quot;</td>
<td>3/4 x 96 x 2&quot;</td>
<td>All finishes</td>
<td>Bulk</td>
</tr>
<tr>
<td>5675</td>
<td>End Cap — 2-1/4&quot;</td>
<td>3/4 x 96 x 2-3/4&quot;</td>
<td>All finishes</td>
<td>Bulk</td>
</tr>
<tr>
<td>7170</td>
<td>End Cap — 3-1/4&quot;</td>
<td>3/4 x 96 x 3-3/4&quot;</td>
<td>All finishes</td>
<td>Bulk</td>
</tr>
<tr>
<td>7171</td>
<td>End Cap — 4-1/4&quot;</td>
<td>3/4 x 96 x 4-3/4&quot;</td>
<td>All finishes</td>
<td>Bulk</td>
</tr>
<tr>
<td>7172</td>
<td>End Cap — 5-1/4&quot;</td>
<td>3/4 x 96 x 5-3/4&quot;</td>
<td>All finishes</td>
<td>Bulk</td>
</tr>
<tr>
<td>5687</td>
<td>Backer Clip</td>
<td>3/8 x 11/16 x 7/8&quot;</td>
<td>N/A</td>
<td>250 pcs/pail</td>
</tr>
</tbody>
</table>

### SUSPENSION SYSTEMS

15/16" **Heavy-Duty Prelude® XL®** (Black recommended) 360° Painted Grid

### TRIM AND ACOUSTICAL INFILL PANELS

Trim and infill panels available. See pages 252-253 in this catalog or visit armstrongceilings.com/woodworks

TechLine 877 276 7876

armstrongceilings.com/woodworks

For LEED contribution contact TechLine 877 276 7876.
WOODWORKS® Grille
Solid Wood Backer, Dowel, and Backer & Dowel Combination

STANDARD SIZES

<table>
<thead>
<tr>
<th>1-1/4” SLAT WIDTH</th>
<th>1” SLAT WIDTH</th>
<th>5/8” SLAT WIDTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Slats Per Panel</td>
<td>4 Slats Per Panel</td>
<td>5 Slats Per Panel</td>
</tr>
</tbody>
</table>

1-1/4” SLAT HEIGHT

- Item 7094: Backer Only or Dowel Only
- Item 7263: Backer Only or Dowel Only

2-1/4” SLAT HEIGHT

- Item 7095: Backer Only or Dowel Only
- Item 7264: Backer Only or Dowel Only

3-1/4” SLAT HEIGHT

- Item 7096: Dowel Only or Backer & Dowel
- Item 7097: Backer Only or Dowel Only
- Item 7265: Backer Only or Dowel Only

4-1/4” SLAT HEIGHT

- Item 7098: Dowel Only or Backer & Dowel
- Item 7099: Dowel Only or Backer & Dowel
- Item 7266: Backer Only or Dowel Only

5-1/4” SLAT HEIGHT

- Item 7092: Dowel Only or Backer & Dowel
- Item 7093: Dowel Only or Backer & Dowel
- Item 7091: Dowel Only or Backer & Dowel

◆ When specifying or ordering please include the installation type and color suffixes (e.g., 7092 BDGCLC – 6 slats 3-1/4” Backer & Dowel in Grille Light Cherry).
**WOODWORKS® Grille**  
Solid Wood Backer, Dowel, and Backer & Dowel Combination

### SYSTEM INSTALLATION DETAILS

![Diagram of ceiling and wall backer assembly]

#### Screw Attachment Detail

**NOTE:** See Woodworks® Grille installation instructions for details on faceted and seismic installations at armstrongceilings.com/woodworks.

### ACOUSTICAL PERFORMANCE

Noise Reduction Coefficient, or NRC, is a measure for rating the overall sound absorption of a material when used in an enclosed architectural space such as an office, where sound is reflected at many angles of incidence. WoodWorks® Grille has an NRC value of 0.85 when installed with a BioAcoustic™ infill panel 5823.

NRC is important in any closed space where reverberation time and noise levels are an issue:

- Lobby, reception, and work areas
- Retail spaces; checkout and other customer contact areas
- Fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.

Factors that may affect the installed acoustical performance relative to the published results are:

- Size of area
- Number of panels
- Layout of panels
- Reverberation Time (RT)
- Background Noise Reduction in Decibels (dB)

### PHYSICAL DATA

<table>
<thead>
<tr>
<th>Material</th>
<th>Dowel, Slats, Backers, and Regular panels – solid Poplar (yellow or hybrid)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Finish</td>
<td>Clear or tinted semi-gloss coating on all finishes except Grille White (GWH)</td>
</tr>
<tr>
<td>Fire Performance</td>
<td>Solid Poplar (yellow or hybrid) Hardwood Slats and Backers – Class C ASTM E84 surface burning characteristics. Flame Spread Index 200 or less. Smoke Developed Index 450 or less. Fire performance will vary between wood species. Flame step Class A coating available. Class A intumescent treatment is available for all finishes except Grille White (GWH). Contact TechLine at 1 877 276-7876 for details. These panels, as with all 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. Consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.</td>
</tr>
<tr>
<td>Application Considerations</td>
<td>Variation among panels may occur due to the natural characteristics of the wood and grain.</td>
</tr>
<tr>
<td>Design Considerations</td>
<td>Custom slat and panel sizes available. Dowel &amp; Backer For slat heights over 5”, both Dowels and Backers are required for stability. Backer height is 1/2”. Panel backers are black. Custom backer colors available. Infill Panel Use If no infill panel is used, unfinished parts of the suspension system and Axiom® trim will be visible from below. Site Conditions It is very important that panels are climatized prior to installation. Relative humidity between 25% and 55% and temperatures between 50F and 86F must be maintained.</td>
</tr>
</tbody>
</table>

### PHYSICAL DATA

<table>
<thead>
<tr>
<th>Ceiling</th>
<th>Exposed Structure (no Ceiling)</th>
<th>Ultima® (100% Ceiling)</th>
<th>WoodWorks® Grille (100% Ceiling)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reverberation Time (RT)</td>
<td>3.4 seconds</td>
<td>0.5 seconds</td>
<td>0.5 seconds</td>
</tr>
<tr>
<td>RT Improvement</td>
<td>N/A</td>
<td>85%</td>
<td>85%</td>
</tr>
<tr>
<td>Background Noise Reduction in Decibels (dB)</td>
<td>N/A</td>
<td>4.7dB</td>
<td>5.8dB</td>
</tr>
</tbody>
</table>

**Note:** You can calculate the acoustical difference that WoodWorks Grille panels can make in your space by using our online Reverb Calculator Tool at armstrongceilings.com/reverbtotool.
WOODWORKS® Linear/Exterior
WOODWORKS® Linear Wood Panels

Now, standard linear solutions with the beautiful color variation and graining of solid wood for interior and exterior applications.

KEY SELECTION ATTRIBUTES
- Two plank widths — nominal 3” and nominal 5”
- Fast, easy installation — screw into suspension system or install with backer clip
- Create continuous looks and clouds with solid wood trim
- Complete standard system from one manufacturer
- BioAcoustic™ infill available for increased acoustical performance
- Acoustical fleece available as an option for interior applications
- Interior only panels are solid Poplar wood
- Western Hemlock panels excellent for exterior applications
- Six new exterior finishes, five interior finishes
- Use items 8118 or 8117 to transition from indoors to outdoors for dramatic design

INTERIOR – ONLY FINISHES
Due to printing limitations, shade may vary from actual product. Items 8176 and 8177 can only be used in interior applications.

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

NOTE: Interior only finishes will coordinate with Exterior/Interior finishes, but are not intended to match.

EXTERIOR/INTERIOR FINISHES
Due to printing limitations, shade may vary from actual product. Items 8117 and 8118 can be used in either exterior or interior applications — great to transition from indoors to outdoors with matching visual

Western Hemlock White (HWH2)
Western Hemlock Maple (HMP2)
Western Hemlock Light Cherry (HLC2)
Western Hemlock Dark Cherry (HDC2)
Western Hemlock Walnut (HWN2)
Western Hemlock Clear Coat (HCC2)
Custom Finishes Available

armstrongceilings.com/woodworks
WOODWORKS® Linear Solid Wood Panels

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>Custom Sizes Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTERIOR ONLY (Includes 8176 and 8177) ◆</td>
<td>8176W1</td>
<td>Nominal 3&quot; wide planks</td>
<td>12 x 96 x 3/4&quot;</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>8177W1</td>
<td>Nominal 5&quot; wide planks</td>
<td>12 x 96 x 3/4&quot;</td>
<td>—</td>
</tr>
<tr>
<td>EXTERIOR/INTERIOR (Includes 8117 and 8118) ◆</td>
<td>8117W1</td>
<td>Nominal 3&quot; wide planks</td>
<td>12 x 96 x 3/4&quot;</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>8118W1</td>
<td>Nominal 5&quot; wide planks</td>
<td>12 x 96 x 3/4&quot;</td>
<td>—</td>
</tr>
</tbody>
</table>

◆ When specifying or ordering 8176 or 8177 include the 3-letter color suffix that coordinates with your WoodWorks ceiling: (e.g., 8176W1 G M P)

◆ When specifying or ordering 8117 or 8118 include the 4-letter interior/exterior finish color suffix that coordinates with your woodworks ceiling: (e.g., 8117 W1 G M P)

NOTE: For additional color and size options, or acoustical felt available as a custom option, call TechLine at 1 877 276 7876.

ACCESSORIES FOR INTERIOR INSTALLATIONS

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions Nominal W x L x H</th>
<th>Color</th>
<th>Pieces/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>7146</td>
<td>Solid Wood Trim</td>
<td>4 x 120 x 3/4&quot;</td>
<td>See Finishes Below</td>
<td>Bulk</td>
</tr>
<tr>
<td>5671</td>
<td>Backer Clip</td>
<td>3/8 x 11/16 x 7/8&quot;</td>
<td>N/A</td>
<td>140</td>
</tr>
<tr>
<td>5671</td>
<td>Ledger</td>
<td>1 x 96 x 1/4&quot;</td>
<td>See Finishes Below</td>
<td>Bulk</td>
</tr>
<tr>
<td>7891</td>
<td>12 Gauge Soft Hanger Wire</td>
<td>144&quot; Length</td>
<td>N/A</td>
<td>25</td>
</tr>
<tr>
<td>92715A620</td>
<td>Self-tapping Screws</td>
<td>#2 x 3/4&quot; Length</td>
<td>Black</td>
<td>10</td>
</tr>
<tr>
<td>6657</td>
<td>BioAcoustic™ Infill Panel</td>
<td>11 x 48 x 5/8&quot;</td>
<td>Black (Matte)</td>
<td>—</td>
</tr>
<tr>
<td>7239</td>
<td>Adjustable Trim Clip</td>
<td>—</td>
<td>—</td>
<td>50</td>
</tr>
</tbody>
</table>

† Backer clip should only be used when installing panels with 3” wide nominal planks.

NOTE: Adjustable Trim Clip – for use with black Axion® trim

SUSPENSION SYSTEMS FOR INTERIOR INSTALLATIONS

15/16" Prelude® XL® (Black recommended)

Solid wood is a natural product and will exhibit natural variations in color, grain, and texture, and knot holes of up to 1/2" in diameter.

PERFORMANCE

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions Nominal W x L x H</th>
<th>Color</th>
<th>Pieces/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>7301G90ABL</td>
<td>12&quot; Exterior HD Main Beam</td>
<td>144 x 15/16 x 1-11/16&quot;</td>
<td>Black</td>
<td>20</td>
</tr>
<tr>
<td>XL7341G90ABL</td>
<td>4&quot; Cross Tee</td>
<td>48 x 15/16 x 1-11/16&quot;</td>
<td>Black</td>
<td>60</td>
</tr>
<tr>
<td>XL7321G90ABL</td>
<td>2&quot; Cross Tee</td>
<td>24 x 15/16 x 1-11/16&quot;</td>
<td>Black</td>
<td>60</td>
</tr>
<tr>
<td>HD7801G90ABL</td>
<td>10&quot; Hemmed Angle Molding</td>
<td>120 x 7/8 x 7/8&quot;</td>
<td>Black</td>
<td>30</td>
</tr>
</tbody>
</table>

NOTE: Exterior grade screws, equivalent to #6 x 1/2" Zinc-Aluminum coated steel sheet metal screws, will be used to attach panels to the suspension system.

PHYSICAL DATA

Materials
Items 8176 and 8177 – planks and backers are solid poplar.
Items 8117 and 8118 – planks and backers are solid western hemlock.

Surface Finish
Clear or tinted semigloss coating on all finishes except White (GWH and HWH2). White products have a lacquer finish. Items 8117 and 8118 have been manufactured to perform well in exterior conditions.

Fire Performance
Solid Poplar Hardwood Slats and Backers – ASTM E84 surface burning characteristics. Flame Spread Index 200 or less. Smoke Developed Index 450 or less.

Design Considerations
Panels installed in exterior applications should be installed under overhangs, soffits or other covered spaces to protect them for direct contact with the elements. For interior-only panels, relative humidity between 25% and 55%, and temperature between 50 and 88 degrees F must be maintained.

LeED® is a registered trademark of the U.S. Green Building Council Rainforest Alliance Certified™ is a trademark of Rainforest Alliance. Revit® is a registered trademark of Autodesk, Inc. All other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates © 2018 AWI Licensing LLC Printed in the United States of America
WOODWORKS® Linear
Veneered Panels

These unique tapered or traditional wood panels offer a variety of linear looks.

KEY SELECTION ATTRIBUTES

Veneered Panels
• Panels in nominal 4" or 6" widths
• Create continuous looks and clouds with veneer-wrapped and painted aluminum trim
• Hook-on panels (for standard 15/16" suspension system) provide safe and secure downward accessibility

• Complete standard system from one manufacturer (suspension system/panels/trim)
• Factory-edge banded for superior quality
• 100% Biobased content
• BioAcoustic™ infill available for increased acoustical performance

VENEERS

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

Natural Variations™ (Real Wood Veneers)
- Beech (NBE)
- Maple (NMP)
- Light Cherry (NLC)
- Dark Cherry (NDC)
- Walnut (NWN)
- Oak (NO)
- Walnut Espresso (NWE)

Constants™ (Real Wood Veneers)
- Maple (CMA)
- Cherry (CDY)
- Walnut (CWA)
- Redwood (CRW)

Bamboo*
- Patina (BAP)
- Native (BAN)

Custom Veneers Available

* Veneer is rapidly renewable. Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.

CAD/Revit® drawings at: armstrongceilings.com
See more photos at: armstrongceilings.com/photogallery
WOODWORKS® Linear
Veneered Panels

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>Color</th>
<th>Pieces/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot; Reveal</td>
<td>6690W1</td>
<td>Nominal 4&quot; wide planks</td>
<td>24 x 96 x 3/4&quot;</td>
<td>Standard Veneers and Black (BL)</td>
<td>60</td>
</tr>
<tr>
<td>1/4&quot; Reveal</td>
<td>6691W1</td>
<td>Nominal 6&quot; wide planks</td>
<td>24 x 96 x 3/4&quot;</td>
<td>Standard Veneers and Black (BL)</td>
<td>60</td>
</tr>
<tr>
<td>1/4&quot; Reveal</td>
<td>6692W1</td>
<td>Tapered planks</td>
<td>24 x 96 x 3/4&quot;</td>
<td>Standard Veneers and Black (BL)</td>
<td>60</td>
</tr>
</tbody>
</table>

**Note:** When specifying or ordering, include the appropriate 3-letter color suffixes.

PERFORMANCE

<table>
<thead>
<tr>
<th>Fire Rating</th>
<th>Acoustics NRC+</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class A</td>
<td>0.45</td>
</tr>
<tr>
<td>Class A</td>
<td>0.20</td>
</tr>
<tr>
<td>Class A</td>
<td>0.20</td>
</tr>
</tbody>
</table>

ACCESSORIES

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions Nominal (Inches)</th>
<th>Color</th>
<th>Pieces/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>6603W1</td>
<td>WoodWorks Concealed Trim**</td>
<td>6&quot; x 120&quot;</td>
<td>Standard Veneers and Black (BL)</td>
<td>6</td>
</tr>
<tr>
<td>6690W1</td>
<td>WoodWorks Concealed Trim**</td>
<td>6&quot; x 120&quot;</td>
<td>Standard Veneers and Black (BL)</td>
<td>60</td>
</tr>
<tr>
<td>6691W1</td>
<td>WoodWorks Concealed Trim**</td>
<td>6&quot; x 120&quot;</td>
<td>Standard Veneers and Black (BL)</td>
<td>60</td>
</tr>
<tr>
<td>6692W1</td>
<td>WoodWorks Concealed Trim**</td>
<td>6&quot; x 120&quot;</td>
<td>Standard Veneers and Black (BL)</td>
<td>60</td>
</tr>
</tbody>
</table>

**Note:** When specifying or ordering, include the 3-letter color suffix that coordinates with your WoodWorks ceiling (e.g., 6603W1 N M P).

SUSPENSION SYSTEMS

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Dimensions (Inches)</th>
<th>Pieces/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>5986</td>
<td>T-Bar Hook†</td>
<td>Nominal 4 x 2 x 3&quot;</td>
<td>50</td>
</tr>
<tr>
<td>7123</td>
<td>Wood Screws</td>
<td>5/8&quot;</td>
<td>300/Pkg</td>
</tr>
<tr>
<td>6091</td>
<td>Safety Cable</td>
<td>24&quot; x 3/32&quot;</td>
<td>50 (2 required per panel)</td>
</tr>
<tr>
<td>7123</td>
<td>Support Hanger</td>
<td>144&quot; x 2&quot;</td>
<td>12</td>
</tr>
</tbody>
</table>

† For 24" x 96" panel, install eight hooks. NOTE: three screws per hook.

**Note:** Refer to installation instructions at armstrongceilings.com/installation for a better understanding of suspension system requirements.

PHYSICAL DATA

| Material | FSC®-certified fire-retardant particle board with face-cut veneers (RA-COC-003601). For more information about FSC®-certified products, or to view our FSC®-certification letter, visit armstrongceilings.com/woodworksfsc.
| Surface Finish | Clear or tinted semigloss coating.
| Fire Performance | ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Rating 25 or less.
| ASTMD 6246 Classification | Composite – Fire Class A

Application Considerations

Variation among panels may occur due to the natural characteristics of the wood and grain. Use of large wood panels may result in deflection up to 1/8" and cause alignment inconsistency due to size and ambient conditions. It is very important that WoodWorks® panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 80°F, must be maintained throughout the life of the product.

Design Considerations

Cloud installations with total panel width less than 6' wide are not recommended.

Cloud installations must be at least two panels in length so that the short ends of panels interfacing with the trim can be installed with the open side of the hooks facing the perimeter. See installation instructions for details.

Specification Consideration

Attention: For FSC®-certified wood products to maintain their CoC certification, products must be sold to a CoC-certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.

Seismic Restraint

WoodWorks® Linear 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

Armstrong

TechLine / 1 877 276-7876

armstrongceilings.com/woodworks

(search: woodworks linear veneered panels)

BPCS-5126-119

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© 2019 AWI Licensing LLC Printed in the United States of America
WOODWORKS® Linear
Veneered Planks

Standard, easy-to-install wood veneer planks offer a variety of installation options.

KEY SELECTION ATTRIBUTES

Veneered Planks
- Standard wood planks in two widths; nominal 4-1/2” and 6” modules, with traditional 3/4” reveals
- Standard factory-applied acoustic fleece
- Installation system allows for installation on the ceiling, wall, at 90° angle, or in a curved ceiling-to-wall transitions (one-foot minimum radius)

• Create upturns for continuous visuals and clouds with veneer-wrapped WoodWorks trim
• Suspension system and planks from one manufacturer; improved for 30-50% faster installation
• 100% Biobased content

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

Natural Variations™
(Real Wood Veneers)
- Bleach (NBE)
- Maple (NMP)
- Light Cherry (NLC)
- Dark Cherry (NDC)
- Oak (NOK)
- Walnut (NW)
- Walnut Espresso (NWE)

Constants™
(Real Wood Veneers)
- Maple (CMN)
- Cherry (CCY)
- Walnut (CWA)
- Redux Wood Wheat (CRW)

Bamboo*
- Patina (BAP)
- Native (BAN)

Custom Veneers Available

* Veneer is rapidly renewable. Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.

armstrongceilings.com/woodworks
**WOODWORKS® Linear**

**Veneered Planks**

**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>Pieces/ Carton</th>
<th>Color</th>
<th>Dimensions (Inches)</th>
<th>Pieces/ Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WOODWORKS® Linear – Nominal 4-1/2” Module</strong></td>
<td>6440W1</td>
<td>Linear Wood Panel Splice</td>
<td>96 x 3-3/4 x 3/4* with 3/4” reveal</td>
<td>100</td>
<td>Black</td>
<td>144 x 15/16 x 1-11/16&quot;</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>6540W1</td>
<td>Linear and Channeled Trim Connector Clip</td>
<td>N/A</td>
<td>30</td>
<td>Black</td>
<td>144 x 15/16 x 1-11/16&quot;</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>6460W1</td>
<td>Radius Clip for faceted grid applications (Black)</td>
<td>—</td>
<td>205 pcs/bucket</td>
<td>Black</td>
<td>144 x 15/16 x 1-11/16&quot;</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>6660W1</td>
<td>Rigid Attachment Clip (Black)</td>
<td>5-1/2” x 1-3/4*</td>
<td>25</td>
<td>Black</td>
<td>144 x 15/16 x 1-11/16&quot;</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>7239</td>
<td>Adjustable Trim Clip</td>
<td>—</td>
<td>50</td>
<td>Black</td>
<td>144 x 15/16 x 1-11/16&quot;</td>
<td>10</td>
</tr>
</tbody>
</table>

**ACCESSORIES**

For additional accessory items see pages 183-184. When specifying or ordering, include the appropriate 3-letter color suffix (e.g., 6440W1 N M P).

**PHYSICAL DATA**

Material: Fire-retardant particle board with face-cut veneers. FSC®-certified fire-retardant particle board with face-cut veneers (RA-COC-003601). For more information about FSC®-certified products, visit armstrongceilings.com/woodworks/fsc. Factory-applied black fleece on each plank to cover the reveal.

Surface Finish: Clear or tinted semigloss coating.

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

**TRIM AND ACOUSTICAL INFILL PANELS**

Trim and infill panels are available. See Pgs. 252-253 in this catalog or visit armstrongceilings.com/woodworks for additional infill options.

**SUSPENSION SYSTEM**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions Nominal (Inches)</th>
<th>Pieces/ Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>5370</td>
<td>12” HD Linear Carriers (concealed) with integral clips</td>
<td>144 x 15/16 x 1-11/16&quot;</td>
<td>10</td>
</tr>
<tr>
<td>5371</td>
<td>12” HD Linear Carriers (concealed) with integral clips (factory-applied)</td>
<td>144 x 15/16 x 1-11/16&quot;</td>
<td>10</td>
</tr>
</tbody>
</table>

**NOTES**

- Adjustable Trim Clip — for use with black Axiom® trim.
- For radused applications, use standard panels and HD linear carriers faceted 12” on center with RC2BL clips.
- Visit armstrongceilings.com/woodworks for more information.
- **LEED®** is a registered trademark of the U.S. Green Building Council.
- Rainforest Alliance Certified™ is a trademark of Rainforest Alliance.
- **FSC®** is a registered trademark of the Forest Stewardship Council®.
- **ASTM E84** is a specification for the surface burning characteristics of interior building materials. The test measures how quickly a material burns, the rate at which a flame spreads, and the amount of smoke produced.
- **CO2 Neutral** is a term used to describe products that have a net zero carbon footprint throughout their life cycle.

**Installation Considerations**

Installation can use staggered, random joints for a monolithic appearance or consistent lengths for a modular style. For expansion, a 3/4" gap is recommended at every 24-foot run of plank. See installation instructions BPLA-297443 at armstrongceilings.com/installation.

**NOTICE**

- **FSC®-certified** products must be sold to a CoC certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.
- **CoC** certification, products must be sold to a CoC certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.
- **LEED®** is a registered trademark of the U.S. Green Building Council.
- **Rainforest Alliance Certified™** is a trademark of Rainforest Alliance.
- **FSC®** is a registered trademark of the Forest Stewardship Council®.
- **Revit®** is a registered trademark of Autodesk, Inc. FSC® is a registered trademark of FSC Forest Stewardship Council®, A.C., license code FSC-C007626. All other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates. © 2018 AWI Licensing LLC Printed in the United States of America.
WOODWORKS® Open Cell

Vector®

A decorative, solid wood ceiling that is 100% accessible

KEY SELECTION ATTRIBUTES

- Enhance space volume with open structure design
- Choose from a variety of standard designs and finishes
- Mix panel sizes for a variety of looks
- Vector® edge detail provides safe and secure downward accessibility without tools and narrow reveal visual (1/4”)
- Suspension system, trim, and accessories designed and tested to work with WoodWorks® Open Cell panels
- BioAcoustic™ infill panel can be used to enhance acoustics

FINISHES

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

Grille Maple (GMP)
Grille Light Cherry (GLC)
Grille Dark Cherry (GDC)
Grille Walnut (GWN)

Custom Finishes Available

PANEL SELECTION

Item 6622 – Four Square
Available 24” x 24” and 24” x 48”

Item 6623 – Multi-Square
Available 24” x 24” and 24” x 48”

Item 6624 – Linear
Available 24” x 24” only

Armstrongceilings.com/capabilities
See more photos at: armstrongceilings.com/photogallery
W O O D W O R K S ®  O p e n C e l l

V e c t o r ®

V I S U A L  S E L E C T I O N

<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>Color</th>
<th>Acoustics NRC</th>
<th>Pieces/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; Reveal with 15/16&quot; Vector</td>
<td>6622</td>
<td>Four Square with 12&quot; Cells</td>
<td>24 x 24 x 2-1/4&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6623</td>
<td>Multi-Square with 6&quot; Cells</td>
<td>24 x 24 x 2-1/4&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6624</td>
<td>Linear with 6&quot; Cells</td>
<td>24 x 24 x 2-1/4&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6625</td>
<td>Four Square with 12&quot; Cells</td>
<td>24 x 48 x 2-1/4&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6626</td>
<td>Multi-Square with 6&quot; Cells</td>
<td>24 x 48 x 2-1/4&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTE: When specifying or ordering, include the appropriate 3-letter color suffix (e.g., 6622 G M P). For additional color and size options available as special order, call TechLine at 1-877-276-7876.

A C C E S S O R I E S

For additional accessory items, see pages 199-200.

Item No. | Description | Dimensions Nominal W x L x H (Inches) | Color | Acoustics NRC | Pieces/Carton |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5823</td>
<td>BioAcoustic™ Infill Panel</td>
<td>24 x 24 x 5/8&quot;</td>
<td>Black (Matte)</td>
<td>0.75</td>
<td>12</td>
</tr>
</tbody>
</table>

S U P E R S E N S I O N  S Y S T E M

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

P H Y S I C A L  D A T A

Materials
FSC®-certified solid Poplar (yellow or hybrid)
( RA-COC-003601)
Surface Finish
Clear or tinted semigloss coating
Fire Performance
Solid Poplar Hardwood – Class C ASTM E84 surface burning characteristics. Flame Spread Index 200 or less. Smoke Developed Index 450 or less.
WoodWorks® Open Cell panels, 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 information, visit armstrongceilings.com/woodworks

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

Design Considerations
It is very important that WoodWorks panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained. Exposed, unpainted back of Axiom® trim may be visible when using higher trims on full-size panel.

Installation Consideration
Do not cut panels.

Seismic Restraint
WoodWorks Open Cell 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

Weight
6623, 6626 – 1.0 lbs/SF
6624 – 0.625 lbs/SF
6622, 6625 – 0.5 lbs/SF
Bulk Packages

For additional accessory items, see pages 199-200.

ACCESSORIES

For additional accessory items, see pages 199-200.

Item No. | Description | Dimensions Nominal W x L x H (Inches) | Color | Acoustics NRC | Pieces/Carton |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5823</td>
<td>BioAcoustic™ Infill Panel</td>
<td>24 x 24 x 5/8&quot;</td>
<td>Black (Matte)</td>
<td>0.75</td>
<td>12</td>
</tr>
</tbody>
</table>

ACCESSORIES

Axiom® Vector® trim, details, accessories, and infill panels can be found on pages 252-253 in this catalog or visit armstrongceilings.com/woodworks.
### WOODWORKS® FAMILY

#### Trim and Accessories

**WOODWORKS® Veneer Trim**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions (Nominal W x L x H)</th>
<th>Color</th>
<th>Pcs/ Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6603W1</td>
<td>WoodWorks™ Concealed Trim (aluminum)</td>
<td>6&quot; x 120&quot;</td>
<td>See below</td>
<td>6</td>
</tr>
<tr>
<td>5415W1</td>
<td>4&quot; WoodWorks Trim (with FSC®-certified wood substrate)</td>
<td>4 x 96 x 3/4&quot;</td>
<td>See below</td>
<td>6</td>
</tr>
<tr>
<td>5419W1</td>
<td>6&quot; WoodWorks Trim (with FSC-certified wood substrate)</td>
<td>6 x 96 x 3/4&quot;</td>
<td>See below</td>
<td>4</td>
</tr>
<tr>
<td>5659W1</td>
<td>4&quot; WoodWorks Trim (with aluminum substrate)</td>
<td>4&quot; x 120&quot;</td>
<td>See below</td>
<td>6</td>
</tr>
<tr>
<td>5660W1</td>
<td>6&quot; WoodWorks Trim (with aluminum substrate)</td>
<td>6&quot; x 120&quot;</td>
<td>See below</td>
<td>6</td>
</tr>
<tr>
<td>6408</td>
<td>3/4&quot; Edge Banding</td>
<td>3/4&quot; x 300&quot;</td>
<td>See below</td>
<td>1</td>
</tr>
</tbody>
</table>

*When specifying or ordering, include the 3-letter color suffix that coordinates with your WoodWorks ceiling (e.g., 6603W1N MP).*

**WOODWORKS® Veneer Trim Finish Selection**

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

**Natural Variations™** (Real Wood Veneers)

- Beech (NEB)
- Maple (NMP)
- Light Cherry (NLC)
- Dark Cherry (NDC)
- Walnut (NWA)
- Oak (NOK)
- Walnut Espresso (NWE)

**Constants™** (Real Wood Veneers)

- Maple (CMA)
- Cherry (CCY)
- Walnut (CWA)
- Redwood (CDW)
- Bamboo (BAP)
- Pau Eucalyptus (PAP)
- Padau (PAN)

**SOLID WOOD TRIM FINISHES**

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)

**ACCESSORIES FOR VECTOR INSTALLATIONS**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>442</td>
<td>Hold Down Clip</td>
</tr>
<tr>
<td>7425</td>
<td>24&quot; Stabilizer Bar</td>
</tr>
<tr>
<td>7445</td>
<td>48&quot; Stabilizer Bar</td>
</tr>
</tbody>
</table>

Border Clip safety clip, and hold down clip (included in carton for 24" x 24" panels; shipped separately for 12" x 48" and 24" x 48")

**WOODWORKS® VENEER TRIM FINISH SELECTION**

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

**Natural Variations™** (Real Wood Veneers)

- Grille White (GWH)
- Grille Maple (GMP)
- Grille Light Cherry (GLC)
- Grille Dark Cherry (GDC)
- Grille Walnut (GWN)

**Constants™** (Real Wood Veneers)

- Maple (CMA)
- Cherry (CCY)
- Walnut (CWA)
- Redwood (CDW)
- Bamboo (BAP)
- Pau Eucalyptus (PAP)
- Padau (PAN)

**SOLID WOOD TRIM**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions (Nominal W x L x H)</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>See left</td>
<td>Bulk</td>
</tr>
</tbody>
</table>

**AXIOM® TRIM**

Color options see page 414. Trim cartons include AXTBC Clips and AXSPLICE Plates.

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions (Nominal W x L x H)</th>
<th>Pcs/ Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AX4VESTR</td>
<td>4&quot; Axiom® Vector®</td>
<td>120 x 3/4 x 4&quot;</td>
<td>–</td>
</tr>
<tr>
<td>AX6VESTR</td>
<td>6&quot; Axiom Vector</td>
<td>120 x 3/4 x 6&quot;</td>
<td>–</td>
</tr>
<tr>
<td>AX4VEQIS</td>
<td>4&quot; Inside Corner Post</td>
<td>3/4 x 3/4 x 4&quot;</td>
<td>–</td>
</tr>
<tr>
<td>AX6VEQIS</td>
<td>6&quot; Inside Corner Post</td>
<td>3/4 x 3/4 x 6&quot;</td>
<td>–</td>
</tr>
<tr>
<td>AX4VEOSCP</td>
<td>4&quot; Outside Corner Post</td>
<td>3/4 x 3/4 x 4&quot;</td>
<td>–</td>
</tr>
<tr>
<td>AX6VEOSCP</td>
<td>6&quot; Outside Corner Post</td>
<td>3/4 x 3/4 x 6&quot;</td>
<td>–</td>
</tr>
<tr>
<td>AXTBC</td>
<td>T-Bar Connector Clip</td>
<td>–</td>
<td>10</td>
</tr>
<tr>
<td>AXSPLICE</td>
<td>Splice Plate with Setscrews</td>
<td>–</td>
<td>10</td>
</tr>
</tbody>
</table>

*When specifying or ordering, include the appropriate 2-letter color suffix.

**Veneer is rapidly renewable. Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.**
WOODWORKS® Family
Trim and Accessories

INSTALLATION ACCESSORIES

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Dimensions W x L x H (Inches)</th>
<th>Color</th>
<th>Pcs/Ctn</th>
</tr>
</thead>
<tbody>
<tr>
<td>7805BL**</td>
<td>10' Angle Molding</td>
<td>1-1/2 x 120 x 1-1/2&quot;</td>
<td>Tech Black</td>
<td>30</td>
</tr>
<tr>
<td>7823BL**</td>
<td>10’ Shadow Molding</td>
<td>2 x 120 x 1-1/4 x 3/4&quot;</td>
<td>Tech Black</td>
<td>10</td>
</tr>
<tr>
<td>7804BL</td>
<td>Angle Molding (recommended with wood trims)</td>
<td>7/8 x 144 x 9/16&quot;</td>
<td>Black</td>
<td>30</td>
</tr>
<tr>
<td>FXTBC</td>
<td>T-Bar Connector Clip</td>
<td>–</td>
<td>–</td>
<td>10</td>
</tr>
<tr>
<td>FXVTBC</td>
<td>Vector® T-Bar Connector Clip</td>
<td>–</td>
<td>–</td>
<td>10</td>
</tr>
<tr>
<td>FXSPLICE</td>
<td>Splice Plate with Setscrews</td>
<td>–</td>
<td>–</td>
<td>10</td>
</tr>
<tr>
<td>FX4SPLICE</td>
<td>Splice Plate with Setscrews</td>
<td>–</td>
<td>–</td>
<td>10</td>
</tr>
<tr>
<td>6459BL</td>
<td>Rigid Attachment Clip</td>
<td>5-1/2&quot; x 1-3/4&quot;</td>
<td>Black</td>
<td>25</td>
</tr>
<tr>
<td>6091</td>
<td>Safety Cable</td>
<td>–</td>
<td>–</td>
<td>50</td>
</tr>
</tbody>
</table>

** This color is a special order item with these moldings.

WOODWORKS® TRIM (WOOD SUBSTRATE) INSTALLATION

INFOGRAPHIC

WOODWORKS® TRIM (ALUMINUM SUBSTRATE) INSTALLATION

INFOGRAPHIC

INFEILL PANELS

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Dimensions (Inches)</th>
<th>NOIC</th>
<th>CAD</th>
<th>Colors</th>
<th>Pieces/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>5479</td>
<td>BioAcoustic™ Infill Panel</td>
<td>24 x 24 x 5/8&quot;</td>
<td>0.75</td>
<td>N/A</td>
<td>Beige Matte</td>
<td>12</td>
</tr>
<tr>
<td>5823</td>
<td>BioAcoustic Infill Panel</td>
<td>24 x 24 x 5/8&quot;</td>
<td>0.75</td>
<td>N/A</td>
<td>Black Matte</td>
<td>12</td>
</tr>
<tr>
<td>8200100</td>
<td>Fiberglass Infill Panel</td>
<td>24 x 24 x 1&quot;</td>
<td>0.75</td>
<td>N/A</td>
<td>Black Gloss</td>
<td>12</td>
</tr>
<tr>
<td>1713/1713BL</td>
<td>School Zone® Fine Fissured™ Square Lay-in Panel</td>
<td>24&quot; x 24&quot;</td>
<td>0.70</td>
<td>35</td>
<td>White or Black</td>
<td>12</td>
</tr>
<tr>
<td>2820/2820BK</td>
<td>Calla® Square Lay-in Panel</td>
<td>24&quot; x 24&quot;</td>
<td>0.85</td>
<td>35</td>
<td>White or Black</td>
<td>10</td>
</tr>
<tr>
<td>6657</td>
<td>BioAcoustic Infill Panel</td>
<td>11 x 48 x 5/8&quot;</td>
<td>0.75</td>
<td>N/A</td>
<td>Black Matte</td>
<td>12</td>
</tr>
</tbody>
</table>

INFEILL PANEL OPTIONS

1. BioAcoustic™ Infill Panel – Black
2. BioAcoustic™ Infill Panel
3. Fine Fissured™ Square Lay-in panel
4. 1" Fiberglass Infill panel (in polybag)
PROJECT: Miami Cancer Institute
Baptist Health, South Florida

LOCATION: Miami, FL

ARCHITECT: ZGF Architects
Toledo, OH

PRODUCT: WoodWorks® Linear Veneered Ceiling Panels

THE CHALLENGE:
The feel of the new Miami Cancer Institute was designed to reflect a warm Mediterranean style. The desire was to create a friendly, hospitality-type feel such as you would find in a fine spa or hotel. Inspired by the connections to nature found in the surrounding landscape, the design team selected natural materials for the interior, creating a comforting environment for patients and their families.

THE SOLUTION:
Reinforcing the connection to nature, the lobbies and corridors are infused with natural light and feature WoodWorks® Linear Veneered ceiling panels in a Constants™ Cherry finish. The custom 2-foot-by-5-foot wood panels were designed specifically for the cancer institute by the You Inspire™ Solutions Center at Armstrong Ceiling & Wall Solutions. Each of the panels is made up of three different widths of wood planks with a narrow reveal between each plank, creating a unique linear visual that aligns directionally with the corridors.

The WoodWorks® Linear Veneered ceiling panels provide patients and their families with a quieting connection to nature that helps in the healing process while also serving to help with navigation around the building.
CUSTOM CEILING SYSTEMS
WOODWORKS® Access™
Flat and Curved Ceiling Systems

KEY SELECTION ATTRIBUTES
- Provides full downward accessibility
- Panel options up to 16 SF
- Flat, radial, and curved panels available
- Acoustical options with perforated panels
- Meets requirements for seismic areas

WoodWorks® Access™ Custom Flat Ceiling System in Maple; WoodWorks® Wall System in Maple

WoodWorks® Access™ Custom Curved Ceiling System in Quartered Maple
KEY SELECTION ATTRIBUTES

- Variety of trapezoidal sizes, up to 96" length, and up to 48" width
- Perforation options provide NRC 0.40 – 0.65 based on pattern and infill selected (see pages 222-223; 253)
- Engineered and tested for applications in seismic zones

Due to the non-standard dimensions, finishes, and performance features for custom WoodWorks systems, please visit our web site at armstrongceilings.com/woodworks or call TechLine at 1 877 276-7876.
WoodWorks® Custom Ceilings and WoodWorks® Custom Walls with custom perforation in custom Cherry finish

WoodWorks® Custom Ceiling System unperforated in White Maple with Clear Satin finish
CUSTOM CEILING SYSTEMS
WOODWORKS® Torsion Spring Ceilings

KEY SELECTION ATTRIBUTES
• Monolithic visual in rectangular and radial
• Large-size panel options up to 16SF
• Available in standard and custom WoodWorks® visuals and a variety of perforations for aesthetic and acoustical needs
• All system components available through a single source
• Accessible system, seismic tested and approved

WoodWorks® Torsion Spring in custom finish