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

- Integrate linear lights seamlessly with the Integrated Light Connection Clip and lights from Backlight® srl and XAL®
- USDA Certified Biobased Product, 100%
- Biobased value is only for the panel and does not include the infill
- 13 pre-designed panels with new slat heights and widths
- Custom slat sizes and finishes available for every project
- Now, available in painted White finish for maximum design flexibility
- Install in the ceiling, on the wall, or create 90° angled or faceted ceiling-to-wall transitions
- Easy installation with dowel or backer, or backer & 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 panels in Maple with 5-1/4” x 95° linear light fixture. See page 243A for lighting integration details.
WOODWORKS® Grille
Solid Wood Backer, Dowel, and Backer & Dowel Combination

VISUAL SELECTION

<table>
<thead>
<tr>
<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>Nominal W x L x H*</th>
<th>% Open Area</th>
</tr>
</thead>
<tbody>
<tr>
<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 1-3/8&quot; Backer Only</td>
<td>69%</td>
<td></td>
</tr>
<tr>
<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 1-3/8&quot; Backer Only</td>
<td>58%</td>
<td></td>
</tr>
<tr>
<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 2-1/4&quot; Backer Only</td>
<td>69%</td>
<td></td>
</tr>
<tr>
<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 2-1/4&quot; Backer Only</td>
<td>58%</td>
<td></td>
</tr>
<tr>
<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</td>
<td>74%</td>
<td></td>
</tr>
<tr>
<td>7092 _ _ _</td>
<td>5/8&quot;</td>
<td>3-1/4&quot;</td>
<td>6 slats</td>
<td>1-3/8&quot;</td>
<td>12 x 96 x 3-1/4&quot; Backer &amp; Dowel</td>
<td>58%</td>
<td></td>
</tr>
<tr>
<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</td>
<td>74%</td>
<td></td>
</tr>
<tr>
<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</td>
<td>67%</td>
<td></td>
</tr>
<tr>
<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</td>
<td>67%</td>
<td></td>
</tr>
<tr>
<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</td>
<td>67%</td>
<td></td>
</tr>
<tr>
<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 Only</td>
<td>69%</td>
<td></td>
</tr>
<tr>
<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 Only</td>
<td>69%</td>
<td></td>
</tr>
<tr>
<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 Only</td>
<td>69%</td>
<td></td>
</tr>
</tbody>
</table>

* (When specifying or ordering please include the installation type and color suffixes (e.g., 7092 B D G L C – 6 slats 3-1/4” Backer & Dowel in Grille Light Cherry).
安装 suffixes: 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 95”
NOTE: Paper backers are black. Custom paper colors available.

ACCESSORIES

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions Nominal W x L (Inches)</th>
<th>Color</th>
<th>Pcs/ Ctn</th>
</tr>
</thead>
<tbody>
<tr>
<td>5672 _ _ _</td>
<td>Junction – 1-3/8&quot;</td>
<td>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>
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<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>

ACOUSTICAL INFORMATION

Dots represent high level of performance.

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Dimensions (Inches)</th>
<th>Color</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>
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<tr>
<td>5671 _ _ _</td>
<td>Ledger</td>
<td>1 x 96 x 1/4&quot;</td>
<td>All finishes</td>
<td>Bulk</td>
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<tr>
<td>7891 _ _ _</td>
<td>12-Gauge Soft Hanger Wire</td>
<td>144&quot; Length</td>
<td>N/A</td>
<td>140</td>
</tr>
<tr>
<td>6459BL _ _ _</td>
<td>Uptight Clip</td>
<td>5-1/2 x 1 x 3-3/4”</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

TRIM AND ACOUSTICAL INFILL PANELS

Trim and infill panels available. See pgs 252-253 in this catalog or visit armstrongceilings.com/woodworks
WOODWORKS® Grille
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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>
<tr>
<td>6 Slats Per Panel</td>
<td>8 Slats Per Panel</td>
<td></td>
</tr>
</tbody>
</table>

1-1/4” SLAT HEIGHT

- Item 7094
  - Backer Only* or Dowel Only

2-1/4” SLAT HEIGHT

- Item 7095
  - Backer Only* or Dowel Only

3-1/4” SLAT HEIGHT

- Item 7097
  - Backer Only* or Dowel Only

4-1/4” SLAT HEIGHT

- Item 7098
  - Dowel Only or Backer & Dowel

5-1/4” SLAT HEIGHT

- Item 7099
  - Dowel Only or Backer & Dowel

When specifying or ordering please include the installation type and color suffixes (e.g., Item 7092 B D L C - 6 slats 3-1/4” Backer & Dowel in Grille Light Cherry).

* Backer Only panels are compatible with Integrated Light Connection Clip. See page 243A for lighting integration details.
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SYSTEM INSTALLATION DETAILS

**Ceiling Dowel Assembly**

- 2-1/4" Slat
- Dowel
- Dowel Clip

**Ceiling Backer Assembly**

- 1-3/8" Slat
- Backer
- Backer Clip

**Wall Backer Assembly**

- Slat sizes over 2-1/4" are not recommended for wall applications.
- Contact TechLine for details at 1 877 276-7876.

**Screw Attachment Detail**

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

**PHYSICAL DATA**

**Material**
- Dowel, Slats, Backers, and Tegular panels – solid Poplar (yellow or hybrid).

**Surface Finish**
- Clear or tinted semi-gloss coating on all finishes except Grille White (GWH), Grille White (GWH) has a lacquer finish.

**Fire Performance**
- 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 stop 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.

**Application Considerations**
- Variation among panels may occur due to the natural characteristics of the wood and grain.
- Custom slat and panel sizes available.
- Backer & Dowel
  - 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 50°F and 86°F, must be maintained.

**Installation Consideration**
- When junction accessory is not used, the result will be a 1" gap between slat lengths.

**Seismic Restraint**
- WoodWorks® Grille 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**
- 7263 – 0.8 lbs/SF
- 7264 – 1.1 lbs/SF
- 7094 – 1.4 lbs/SF
- 7095 – 1.3 lbs/SF
- 7266 – 1.8 lbs/SF
- 7097 – 1.9 lbs/SF
- 7098 – 2.1 lbs/SF
- 7099 – 3.1 lbs/SF

**Fire Performance**
- 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.

**Flame Stop 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 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.**

**Application Considerations**
- Variation among panels may occur due to the natural characteristics of the wood and grain.
- Custom slat and panel sizes available.
- Backer & Dowel
  - 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.
Seamlessly integrate linear light fixtures from Backlight® srl and XAL® with standard or made-to-order WoodWorks® Grille Backer Only panels using Integrated Light Connection Clips that suspend lights directly from the suspension system. This eliminates the need for independent support of the fixture or modification of the suspension system.

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

**DESIGN CONSIDERATIONS**
- Length of lights are designed to coordinate with the length of panels
- Lights must run parallel with slat direction and are not for use in perimeter panels
- Ravel between light and slats will coordinate with the reveal from slat to slat
- Modified panels are required to leave outside slats intact (slats along edges cannot be removed)
- Coordination between ceiling contractor and electrician is required for installation

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Clip Item No.</th>
<th>Description</th>
<th>Coordinating WoodWorks® Panel Item No.</th>
<th>Panel Field Modification Required*</th>
<th>Compatible Partner Light Fixture Dimensions W x L (Inches)</th>
<th>Clips Required per Light Fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>8171WGB0C01</td>
<td>1-3/8&quot; Integrated Light Connection Clip</td>
<td>7263BO Remove 1 slat 7264BO Remove 2 slats 7265BO Remove 1 slat 7266BO Remove 2 slats</td>
<td>2&quot; x 95&quot; 2&quot; x 95&quot; 2&quot; x 95&quot; 2&quot; x 95&quot;</td>
<td>4 4 4 4</td>
<td>4 4 4</td>
</tr>
<tr>
<td>8171WGB0C02</td>
<td>2-1/4&quot; Integrated Light Connection Clip</td>
<td>7094BO Remove 1 slat 7097BO No modification</td>
<td>3-1/4&quot; x 95&quot; 3-1/4&quot; x 95&quot; 3-1/4&quot; x 95&quot; 3-1/4&quot; x 95&quot;</td>
<td>4 4 4 4</td>
<td>4 4 4</td>
</tr>
<tr>
<td>8171WGB0C03</td>
<td>3-1/4&quot; Integrated Light Connection Clip</td>
<td>7095BO Remove 1 slat 7097BO No modification</td>
<td>5-1/4&quot; x 95&quot; 5-1/4&quot; x 95&quot; 5-1/4&quot; x 95&quot; 5-1/4&quot; x 95&quot;</td>
<td>4 4 4 4</td>
<td>4 4 4</td>
</tr>
</tbody>
</table>

* Made-to-order panels that eliminate the need for field modification of standard panels are available via ASQuote@armstrongceilings.com. Contact ASQuote@armstrongceilings.com for Backer & Dowel and Dowel Only panels to be used with integrated lighting solutions.

**INSTALLATION DETAILS**

**LIGHTING FIXTURES**
Compatible with Backlight® srl CHIARO light fixture and XAL® PANO Low-Profile Linear Plank light fixture

XAL® is a registered trademark of XAL Inc.; Backlight® srl is a registered trademark of BACKLIGHT srl; LEED® is a registered trademark of the U.S. Green Building 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 © 2020 AWI Licensing LLC  Printed in the United States of America