WOODWORKS® Linear/ WOODWORKS® Linear Exterior
Solid Wood Panels

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

KEY SELECTION ATTRIBUTES

- Integrated downlighting solutions from USAI® sit perfectly flush with the panel face for a sleek visual
- Lighting solutions are certified for fit and finish and engineered to be supported by standard Armstrong suspension systems for use in all areas, including seismic DEF zones
- Integrate linear lights seamlessly with the Integrated Light Connection Clip and lights from Backlight® srl and XAL®
- 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 for interior applications
- Interior only panels are solid Poplar wood
- Western Hemlock panels excellent for exterior applications
- Use items 8117 or 8118 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 (WHW2)  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

Now, Lighting Integration Made Easy


LINEAR LIGHTING: WoodWorks® Linear Solid Wood panels in Maple with 5-1/4" x 95" linear light fixture. See page 245A for lighting integration details.
WOODWORKS® Linear
Solid Wood Panels

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions (Inches)</th>
<th>Color</th>
<th>Pieces/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>WOODWORKS® Linear Solid Wood Panels</td>
<td>8176W1</td>
<td>3-1/4&quot; wide planks</td>
<td>12 x 92 x 3/4&quot;</td>
<td>See Finishes Below</td>
<td>Bulk</td>
</tr>
<tr>
<td></td>
<td>8177W1</td>
<td>5-1/4&quot; wide planks</td>
<td>12 x 96 x 3/4&quot;</td>
<td>See Finishes Below</td>
<td>Bulk</td>
</tr>
<tr>
<td>EXTERIOR/INTERIOR (Includes 8117 and 8118)</td>
<td>8117W1</td>
<td>3-1/4&quot; wide planks</td>
<td>12 x 92 x 3/4&quot;</td>
<td>Black (Matte)</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>8118W1</td>
<td>5-1/4&quot; wide planks</td>
<td>12 x 96 x 3/4&quot;</td>
<td>Black (Matte)</td>
<td>50</td>
</tr>
</tbody>
</table>

**ACCESSORIES FOR INTERIOR INSTALLATIONS**

<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>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>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>
<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>140</td>
</tr>
<tr>
<td>6657</td>
<td>BioAcoustic™ Infill Panel</td>
<td>11 x 48 x 5/8&quot;</td>
<td>Black</td>
<td>10</td>
</tr>
<tr>
<td>7239</td>
<td>Adjustable Trim Clip</td>
<td>—</td>
<td>—</td>
<td>50</td>
</tr>
</tbody>
</table>

**SUSPENSION SYSTEMS FOR INTERIOR INSTALLATIONS**

**PRELUDExl® XL SUSPENSION SYSTEM FOR EXTERIOR INSTALLATIONS**

<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>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>

**ACCESSORIES**

Accessories, trim, infill panels are available. See pgs. 252-253 in this catalog or visit armstrongceilings.com/woodworks

**PHYSICAL DATA**

**Material**

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 semi-gloss 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. Class A intumescent treatment is available for all finishes except White (GWH and HWH2).

Contact TechLine at 1 877 276-7876 for details.

WoodWorks Linear Solid Wood 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.

**Installation Consideration**

System is designed to have a 1" gap between panels. Backer clip can only be used for installation of interior-only panels.

**Seismic Restraint**

WoodWorks Linear solid wood 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**

8117 – 2.5 lbs/SF
8118 – 2.5 lbs/SF
8176 – 1.76 lbs/SF
8177 – 1.88 lbs/SF
(Bulk packaged)

NOTE: exterior grade screws, equivalent to #6 x 1" Zinc-Aluminum coated sheet metal screws, will be used to attach panels to the suspension system.
Seamlessly integrate linear light fixtures from Backlight® srl and XAL® with standard or made-to-order WoodWorks® Linear Solid Wood 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 Linear Solid Wood panels for interior applications
- Low-profile, pre-engineered light fixtures in coordinating 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

**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>8171WLSPC01</td>
<td>Integrated Light Connection Clip</td>
<td>8176W1 8177W1</td>
<td>Male end of backer trimmed to 3/4&quot; Male end of backer trimmed to 3/4&quot;</td>
<td>3-1/4&quot; x 95&quot; 5-1/4&quot; x 95&quot;</td>
<td>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

NOTE: Item 8171WLSPC01 is packaged 12 pcs/ctn

**INSTALLATION DETAILS**

**LIGHTING SOLUTIONS – LINEAR LIGHTING**

**WOODWORKS® Linear Solid Wood Panels**

Seamlessly integrate linear light fixtures from Backlight® srl and XAL® with standard or made-to-order WoodWorks® Linear Solid Wood 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 Linear Solid Wood panels for interior applications
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**INSTALLATION DETAILS**

**LIGHTING SOLUTIONS – LINEAR LIGHTING**

**WOODWORKS® Linear Solid Wood Panels**

WoodWorks® Linear Solid Wood panels in Maple with 5-1/4" x 95" linear light fixture

Integrated Light Connection Clip Item 8171WLSPC01
Trimmed Backer

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

WoodWorks® Linear Solid Wood Panel Item 8177W1

Integrated Light Connection Clip Item 8171WLSPC01

WoodWorks Linear Solid Wood Panel Item 8177W1

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

**LIGHTING FIXTURES**

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

For detailed lighting information, contact your local Backlight® srl or XAL® representative.
Seamlessly integrate downlight fixtures from USAI® with standard WoodWorks® Linear Solid Wood panels. Suspend lights directly from the suspension system, eliminating the need for independent support of the fixture or modification of the suspension system.

### KEY SELECTION ATTRIBUTES
- Engineered and tested to seamlessly integrate lighting fixtures with grid
- Approved for use in all seismic categories

### DESIGN CONSIDERATIONS
- Lights are designed to sit flush with the face of the WoodWorks panels
- Modified panels must be screw-attached to the suspension system
- Coordination between ceiling contractor and electrician is required for installation

### VISUAL SELECTION

<table>
<thead>
<tr>
<th>WoodWorks® Panel Item No.</th>
<th>Description</th>
<th>Coordinating USAI® Fixture Family</th>
<th>Coordinating USAI Fixture Part Numbers</th>
<th>USAI Grid Mounting Bars Item No.</th>
<th>Panel Field Modification Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>8177</td>
<td>5-1/4&quot; Planks</td>
<td>BeveLED 2.2 for WoodWorks</td>
<td>B4XXX-UA</td>
<td>UA2</td>
<td>1 plank cut</td>
</tr>
<tr>
<td>8176</td>
<td>3-1/4&quot; Planks</td>
<td>BeveLED Mini® for WoodWorks</td>
<td>B3XXX-UA</td>
<td>UA2</td>
<td>1 plank cut</td>
</tr>
</tbody>
</table>

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

### INSTALLATION DETAILS

![Diagram of Woodworks Linear Solid Wood Panels with USAI BeveLED Mini for WoodWorks light](image)

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