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

- 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 as an option for interior applications
- Interior only panels are solid Poplar wood
- Western Hemlock panels excellent for exterior applications
- Six 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

See more photos at: armstrongceilings.com/photogallery

WoodWorks® Linear Solid Wood panels in Grille Dark Cherry on Prelude® XL® 15/16” suspension system (Pgs. 458-459)
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)</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>---</td>
<td>8176W1</td>
<td>3-1/4&quot; wide planks</td>
<td>12 x 96 x 3/4&quot;</td>
<td></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></td>
</tr>
</tbody>
</table>

**PERFORMANCE**

- **Fire Rating** 0.60
- **Acoustics** NRC

**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>5687</td>
<td>Backer Clip</td>
<td>3/8 x 11/16 x 7/8&quot;</td>
<td>See Finishes Below</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>3/4&quot; x 5/8&quot; BioAcoustic™ Infill Panel</td>
<td>N/A</td>
<td>Black (Matte)</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**

- **Prelude™ XL® Suspension System for Exterior 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>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' 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' 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' Hemmed Angle Molding</td>
<td>120 x 7/8 x 7/8&quot;</td>
<td>Black</td>
<td>30</td>
</tr>
</tbody>
</table>

**PHYSICAL DATA**

- **Material** Items 8176 and 8177 – planks and backers are solid poplar. Items 8117 and 8118 – planks and backers are solid western hemlock. Items 8117 and 8118 have been manufactured to perform well in exterior conditions.
- **Surface Finish** Clear or tinted semi-gloss coating on all finishes except White (GWH1 and HW10). 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. For interior-only panels, relative humidity between 25% and 55%, and temperature between 50 and 86 degrees F must be maintained.

Contact TechLine at 1 877 276-7876 for details. For additional color and size options, or acoustical felt available as a custom option, call TechLine at 1 877 276-7876.
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

**DESIGN CONSIDERATIONS**
- Length of lights are designed to coordinate with the length of panels
- Lights must run parallel with panel direction and are not for use in perimeter panels
- Modified panels must be screw-attached to the suspension system. Reveal between light and panels will coordinate with the reveal from panel to panel
- 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>8171WLSPC01</td>
<td>Integrated Light Connection Clip</td>
<td>8176W1</td>
<td>Male end of backer trimmed to 3/4”</td>
<td>3-1/4” x 95”</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8177W1</td>
<td>Male end of backer trimmed to 3/4”</td>
<td>5-1/4” x 95”</td>
<td>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

![Installation Diagram](Image)

**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.