WOODWORKS® Linear/
WOODWORKS® Linear Exterior
Solid Wood Panels

CAD/Revit® drawings at:
armstrongceilings.com

Backer

Solid Wood Plank
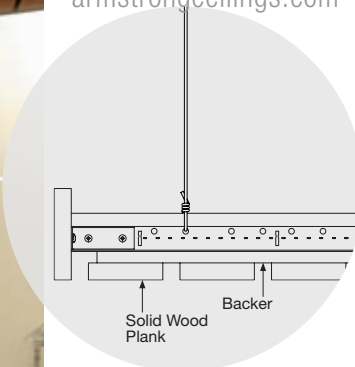
plus capabilities to do more

armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery

WoodWorks® Linear Solid Wood panels in Grille Dark Cherry on Prelude® XL® 15/16" suspension system

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

- **new** • Western Hemlock panels excellent for exterior applications
- **new** • Six new exterior finishes, five interior finishes
- **new** • Use 8118 or 8117 panels to transition from indoors to outdoors for dramatic design
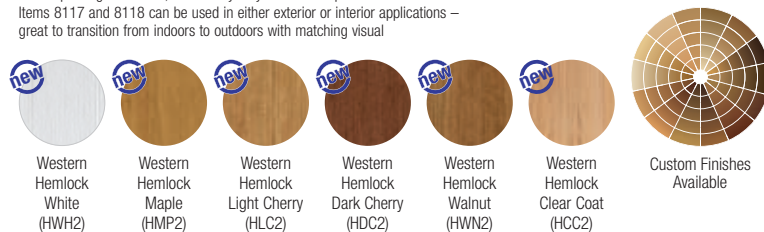
INTERIOR – ONLY FINISHES

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.
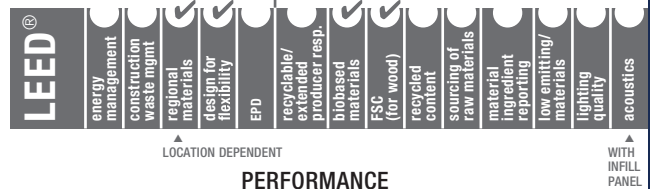
EXTERIOR/INTERIOR FINISHES

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

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

TechLine 877 276 7876
armstrongceilings.com/woodworks

Armstrong®
CEILING & WALL SOLUTIONS

WOODWORKS® Linear
Solid Wood Panels

LEED®

energy management | construction waste mgmt | regional materials | design for flexibility | EPD | recyclable/ extended producer resp. | biobased materials | FSC (for wood) | recycled content | sourcing of raw materials | material ingredient reporting | low emitting/ materials | lighting quality | acoustics

▲ LOCATION DEPENDENT

WITH INFILL PANEL

VISUAL SELECTION

PERFORMANCE

WOODWORKS® Linear Solid Wood Panels

Edge Profile	Item No.	Description	Dimensions Nominal W x L x H (Inches)		Fire Rating	Acoustics NRC*
						Only applicable in indoor applications
INTERIOR ONLY (Includes 8176 and 8177) ◆			Custom Sizes Available			
	8176W1 _ _ _	Nominal 3" wide planks	12 x 96 x 3/4"		See below	0.60
	8177W1 _ _ _	Nominal 5" wide planks	12 x 96 x 3/4"		See below	0.50
EXTERIOR/INTERIOR ONLY (Includes 8117 and 8118) ◆ ◆						
	8117W1 _ _ _ _	Nominal 3" wide planks	12 x 96 x 3/4"		See below	0.60
	8118W1 _ _ _ _	Nominal 5" wide planks	12 x 96 x 3/4"		See below	0.50

◆ 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 panels, include the 4-letter interior/exterior finish color suffix that coordinates with your woodworks ceiling: (e.g., 8117 H W N 2) GMP finishes are not available on Interior/Exterior
* NRC achieved with acoustical infill (Item 82001007).
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-ONLY PANELS

Item No.	Description	Dimensions (Inches) Nominal W x L x H	Color	Pieces/Carton
7146 _ _ _	Solid Wood Trim	4 x 120 x 3/4"	See Finishes Below	Bulk
5687†	Backer Clip	3/8 x 11/16 x 7/8"	N/A	250 pcs/pail
5671 _ _ _	Ledger	1 x 96 x 1/4"	See Finishes Below	Bulk
7891	12 Gauge Soft Hanger Wire	144" Length	N/A	140
92715A620	Self-tapping Screws	#2 x 3/4" Length	Black	25
6657	BioAcoustic™ Infill Panel	11 x 48 x 5/8"	Black (Matte)	10
new **7239**	Adjustable Trim Clip	—	—	50

† Backer clip should only be used when installing panels with 3" wide nominal planks.
NOTE: Adjustable Trim Clip – for use with black Axiom® trim

SUSPENSION SYSTEMS FOR INTERIOR-ONLY PANELS

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.

ACCESSORIES

Accessories, trim, infill panels are available.
Visit armstrongceilings.com/woodworks

PRELUDE XL SUSPENSION SYSTEM FOR EXTERIOR INSTALLATIONS

Item No.	Description	Dimensions (Inches) Nominal W x L x H	Color	Pieces/Carton
7301G90ABL	12' Exterior HD Main Beam	144 x 15/16 x 1-11/16"	Black	20
XL7341G90ABL	4' Cross Tee	48 x 15/16 x 1-11/16"	Black	60
XL7321G90ABL	2' Cross Tee	24 x 15/16 x 1-11/16"	Black	60
HD7801G90ABL	10' Hemmed Angle Molding	120 x 7/8 x 7/8"	Black	30

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

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 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.

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.

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

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 86 degrees F must be maintained.

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 – 1.25 lbs/SF
8118 – 1.25 lbs/SF
8176 – 1.25 lbs/SF
8177 – 1.25 lbs/SF
(Bulk packaged)
NOTE: exterior panels installed in extreme humid conditions can weigh up to 2 lbs/SF

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armstrongceilings.com/woodworks
(search: woodworks linear solid wood panels)

BPCS-5107-418

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