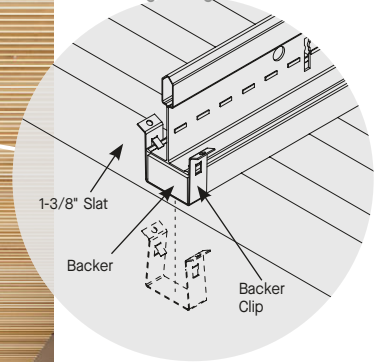


new WOODWORKS® Grille – Classics
Western Hemlock Solid Wood Ceiling Panels



CAD/Revit® drawings at:
armstrongceilings.com/cadrevit



WoodWorks Grille - Classics ceiling installation in Western Hemlock with Echo One pendant lighting from LightArt

These warm, solid wood ceiling panels showcase the natural beauty of the Western Hemlock species.

KEY SELECTION ATTRIBUTES

- new** • Western Hemlock species with a clear coat finish is now available as standard
- The natural warmth of wood can contribute to biophilic designs and building certification standards like the WELL™ v2 "Nature and Place" feature
- new** • Coordinating solid wood trim in 4" and 6" depths
- new** • Panels are part of the Sustain® portfolio and meet the most stringent industry sustainability compliance standards today
- Integrate linear lights seamlessly with the Integrated Light Connection Clip and lights from BASO
- 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 D, E, F zones
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- Install in the ceiling, on the wall, or create ceiling-to-wall transitions
- Select configurations are available with tinted finishes on solid poplar wood
- Made in the U.S.A. of domestic and global content

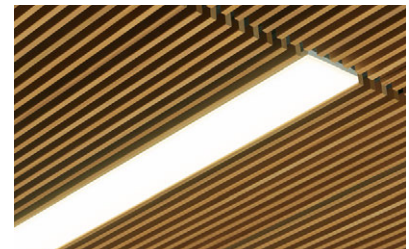
FINISH RANGE

This image reflects the visual range that is likely within our product. You can expect to see this natural variation across an installation.



Hemlock Clear Coat (HCC)

*Now, Lighting
Integration
Made Easy*



LINEAR LIGHTING: WoodWorks Grille – Classics panels in Maple with 5-1/4" x 95" linear light fixture. Integration details at armstrongceilings.com/linearlighing

WOODWORKS® Grille – Classics
Western Hemlock Solid Wood Ceiling Panels



LEED V5		
COMMON MATERIALS FRAMEWORK		
Climate Health	EPD	
Human Health	Declare Label	EPD
	HPD	
	3rd Party CDPH	
OCCUPANT EXPERIENCE		Acoustics
		✓

VISUAL SELECTION

PERFORMANCE

ACOUSTICAL INFORMATION

Item No.	Dimensions Nominal W x L x H* (Inches)	Slat Dimensions			Slat Spacing (Nominal)	% Open Area	LBS/ SF	CleanAssure™ Disinfectable Panels		
		Width	Height	Slats				Fog	Spray	Wipe
WOODWORKS® Grille – Classics in Western Hemlock										
6873F51L8S31HCC	12 × 96 × 1-7/8"	5/8"	1-3/8"	3 slats	3-3/8"	85%	0.68	*	*	*
6874F51L8S31HCC	12 × 96 × 1-7/8"	5/8"	1-3/8"	4 slats	2-3/8"	79%	0.85	*	*	*
6875F51L8S31HCC	12 × 96 × 1-7/8"	5/8"	1-3/8"	5 slats	1-3/4"	74%	1.01	*	*	*
6876F51L8S31HCC	12 × 96 × 1-7/8"	5/8"	1-3/8" H	6 slats	1-3/8"	69%	1.17	*	*	*
6877F51L8S31HCC	12 × 96 × 1-7/8"	5/8"	1-3/8"	7 slats	1"	64%	1.33	*	*	*
6878F51L8S31HCC	12 × 96 × 1-7/8"	5/8"	1-3/8" H	8 slats	7/8"	59%	1.49	*	*	*
6879F51L8S31HCC	12 × 96 × 1-7/8"	5/8"	1-3/8"	9 slats	11/16"	54%	1.65	*	*	*

* Actual panel length is 95"
NOTE: Panel backers are black. Custom backer colors available.

All panel configurations integrate with BASO linear light fixtures.
Refer to the last page of this data sheet for details.

Icon indicates panel with unobstructed construction where the openings
are at least 70% of the cross-section area and the depth of the member
does not exceed the least dimension of the openings.

Dots represent high
level of performance.

Infill Panel Item No.	NRC
5823 or 6657	0.75 *
	0.75 *

WOODWORKS® Grille – Classics
Western Hemlock Solid Wood Ceiling Panels



Declare.

LEED V5

COMMON MATERIALS FRAMEWORK		
Climate Health	EPD	
Human Health	Declare Label	EPD
	HPD	
	3rd Party CDPH	
OCCUPANT EXPERIENCE		Acoustics

VISUAL SELECTION

PERFORMANCE

ACOUSTICAL INFORMATION

Item No.	Dimensions Nominal W × L × H* (Inches)	Slat Dimensions			Slat Spacing (Nominal)
		Width	Height	Slats	
WOODWORKS® Grille – Classics in Western Hemlock					
6873F51L8S32HCC	12 × 96 × 2-3/4"	5/8"	2-1/4"	3 slats	3-3/8"
6874F51L8S32HCC	12 × 96 × 2-3/4"	5/8"	2-1/4"	4 slats	2-3/8"
6875F51L8S32HCC	12 × 96 × 2-3/4"	5/8"	2-1/4"	5 slats	1-3/4"
6876F51L8S32HCC	12 × 96 × 2-3/4"	5/8"	2-1/4"	6 slats	1-3/8"
6877F51L8S32HCC	12 × 96 × 2-3/4"	5/8"	2-1/4"	7 slats	1"
6878F51L8S32HCC	12 × 96 × 2-3/4"	5/8"	2-1/4"	8 slats	7/8"

CleanAssure™ Disinfectable Panels		
Fog	Spray	Wipe
85%	0.99	*

% Open Area	LBS/SF	Fog	Spray	Wipe
79%	1.26	*	*	*

% Open Area	LBS/SF	Fog	Spray	Wipe
74%	1.52	*	*	*

% Open Area	LBS/SF	Fog	Spray	Wipe
69%	1.78	*	*	*

% Open Area	LBS/SF	Fog	Spray	Wipe
64%	2.05	*	*	*

% Open Area	LBS/SF	Fog	Spray	Wipe
59%	2.31	*	*	*

Dots represent high level of performance.

Infil Panel Item No.	NRC
5823 or 6657	0.75

* Actual panel length is 95"
NOTE: Panel backers are black. Custom backer colors available.

All panel configurations integrate with BASO linear light fixtures.
Refer to the last page of this data sheet for details.

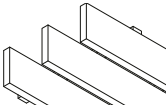
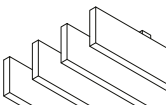
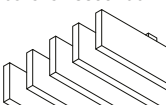
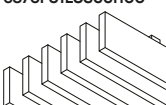
Icon indicates panel with unobstructed construction where the openings are at least 70% of the cross-section area and the depth of the member does not exceed the least dimension of the openings.

WOODWORKS® Grille – Classics
Western Hemlock Solid Wood Ceiling Panels



LEED V5		
COMMON MATERIALS FRAMEWORK		
Climate Health	EPD	
Human Health	Declare Label	EPD
	HPD	
	3rd Party CDPH	
OCCUPANT EXPERIENCE		Acoustics

VISUAL SELECTION

Item No.	Dimensions Nominal W × L × H* (Inches)	Slat Dimensions			Slat Spacing (Nominal)	
		Width	Height	Slats		
WOODWORKS® Grille – Classics in Western Hemlock	6873F51L8S33HCC	12 × 96 × 3-3/4"	5/8"	3-1/4"	3 slats	3-3/8"
						
						
	6874F51L8S33HCC	12 × 96 × 3-3/4"	5/8"	3-1/4"	4 slats	2-3/8"
						
						
	6875F51L8S33HCC	12 × 96 × 3-3/4"	5/8"	3-1/4"	5 slats	1-3/4"
						
						
	6876F51L8S33HCC	12 × 96 × 3-3/4"	5/8"	3-1/4"	6 slats	1-3/8"
						
						

* Actual panel length is 95"
NOTE: Panel backers are black. Custom backer colors available.

 All panel configurations integrate with BASO linear light fixtures.
Refer to the last page of this data sheet for details.

 Icon indicates panel with unobstructed construction where the openings are at least 70% of the cross-section area and the depth of the member does not exceed the least dimension of the openings.

PERFORMANCE

		CleanAssure™ Disinfectable Panels		
		Fog	Spray	Wipe
% Open Area	LBS/SF			
85%	1.49	*	*	*
79%	1.87	*	*	*
74%	2.25	*	*	*
69%	2.63	*	*	*

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Infill Panel Item No.	NRC
5823 or 6657	0.75 * 0.75 *



WOODWORKS® – Standard

WOODWORKS® Grille – Classics
Western Hemlock Solid Wood Ceiling Panels



LEED V5		
COMMON MATERIALS FRAMEWORK		
Climate Health		EPD
Human Health	Declare Label	EPD
	HPD	
	3rd Party CDPH	
Circularity Economy		✓
Acoustics		✓
OCCUPANT EXPERIENCE		

ACCESSORIES

	Item No.	Description	Dimensions Nominal W × L × H (Inches)	Color	PCS/ CTN
Suspension Systems	7301BL	Prelude® XL® 12' HD Main Beam	15/16 × 144 × 1-11/16"	Black	20
	XL7341BL	Prelude XL 4' Cross Tee	15/16 × 48 × 1-11/16"	Black	60
	XL8320BL	Prelude XL 2' Cross Tee	15/16 × 24 × 1-3/8"	Black	60
Perimeter Trim	7146H4L96HCC	4" Western Hemlock Solid Wood Trim with 4 Clips (Item 5925)	4 × 96 × 3/4"	N/A	N/A
	7146H6L96HCC	6" Western Hemlock Solid Wood Trim with 4 Clips (Item 5925)	6 × 96 × 3/4"	N/A	N/A
Acoustical Infill Panels	5823	BioAcoustic™ Infill Panel	24 × 24 × 5/8"	Black Matte	12
	6657	BioAcoustic Infill Panel	11 × 48 × 5/8"	Black Matte	12
Accessories	5687	 Backer Clip	3/8 × 11/16 × 7/8"	N/A	250 pcs/pail
	7891	12-Gauge Soft Hanger Wire	144" Length	N/A	140
	6459BL	Uptight Clip	5-1/2" × 1-3/4"	Black	25
	RC2BL	RC2 Radius Clip	N/A	Black	205
	7239	Adjustable Trim Clip	–	N/A	50
	7290GBL	WoodWorks Grille Flat Backer	7/8 × 12 × 1/2"	Black	18
	5457GAL1HCC	WoodWorks Grille End-Stain	N/A	Clear Coat	Gallon
	5457QT1HCC	WoodWorks Grille End-Stain	N/A	Clear Coat	Quart

NOTE: For integration with Axiom® trim (Black recommended for use with solid wood).

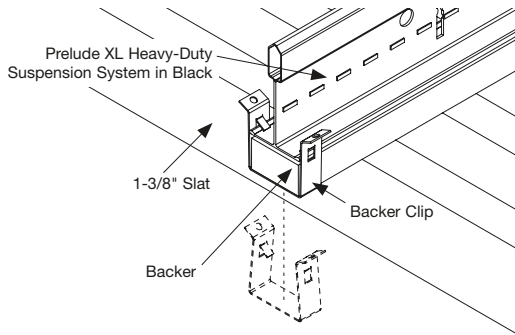


WOODWORKS® Grille – Classics
Western Hemlock Solid Wood Ceiling Panels

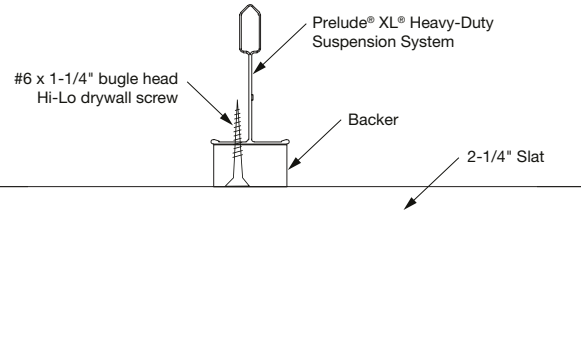


LEED V5		
COMMON MATERIALS FRAMEWORK		
Human Health	Declare Label	Climate Health
	HPD	Ecosystem Health
	3rd Party CDPH	Circular Economy
OCCUPANT EXPERIENCE		Acoustics
		EPD
		EPD
		✓
		✓

SYSTEM INSTALLATION DETAILS



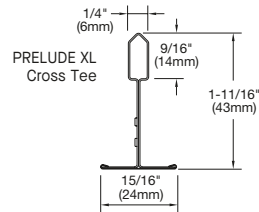
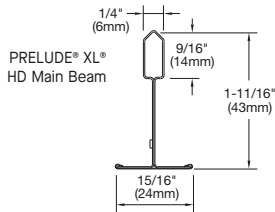
Ceiling Backer Assembly



Screw Attachment Detail

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

SUSPENSION SYSTEMS (Heavy-duty)



PHYSICAL DATA

Material

Slats – solid Western Hemlock
Backers – solid Poplar

Surface Finish

Clear coat

Fire Performance

Class B: ASTM E84 surface burning characteristics.
Flame Spread Index 35 or less. Smoke Developed Index 45 or less.

Fire performance will vary between wood species.

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.

Design Considerations

For installations where slat alignment is critical, please see the WoodWorks Grille – Forté product line.

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.

Seismic Restraint

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

Design & Pre-Construction Service

For complimentary design and pre-construction assistance, contact ProjectWorks® or visit armstrongceilings.com/projectworks

Cleaning and Disinfecting

Cleaning and CDC approved disinfecting options available on armstrongceilings.com/cleaning

Warranty

Details at armstrongceilings.com/warranty

Weight

Refer to visual selection chart

Minimum Order Quantity
240 SF

LIGHTING SOLUTIONS

WOODWORKS® Grille – Classics

Linear Lighting



WoodWorks Grille – Classics panels in Maple with 5-1/4\" x 95\" linear light fixture

Seamlessly integrate linear light fixtures from BASO with standard or made-to-order WoodWorks® Grille – Classics 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.

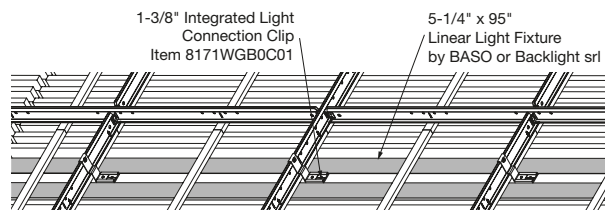
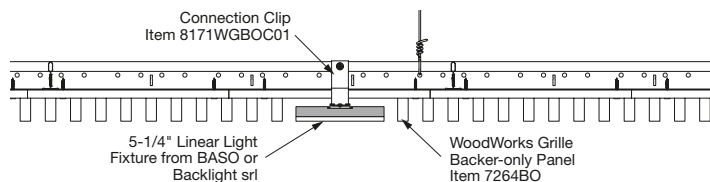
KEY SELECTION ATTRIBUTES

- Engineered and tested clip and suspension system seamlessly integrate lighting with grid
- Install lights seamlessly for WoodWorks Grille – Classics backer-only panels
- Low-profile, pre-engineered light fixture in coordinating 2\", 3-1/4\", and 5-1/4\" widths from BASO 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
- Reveal 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

INSTALLATION DETAILS



LIGHTING FIXTURES

Compatible with BASO PANO™ Low-Profile Linear Plank light fixture

BASO

For detailed lighting information, contact your local BASO representative.

LIGHTING SOLUTIONS

WOODWORKS® Grille – Classics

Linear Lighting

VISUAL SELECTION

	Item No.	Description	Coordinating WoodWorks Grille – Classics Panel Item No.	Panel Field Modification Required	Compatible Partner Light Fixture Dimensions W x L (Inches)
WoodWorks Grille – Classics	8171WGBOC01	 1-3/8" Integrated Light Connection Clip	6873F51L8S31HCC	N/A Remove 1 slat Remove 1 slat	2" x 95" 3-1/4" x 95" 5-1/4" x 95"
			6874F51L8S31HCC	Remove 1 slat Remove 1 slat Remove 2 slats	2" x 95" 3-1/4" x 95" 5-1/4" x 95"
			6875F51L8S31HCC	Remove 1 slat Remove 1 slat Remove 2 slats	2" x 95" 3-1/4" x 95" 5-1/4" x 95"
			6876F51L8S31HCC	Remove 1 slat Remove 2 slats Remove 3 slats	2" x 95" 3-1/4" x 95" 5-1/4" x 95"
			6877F51L8S31HCC	Remove 1 slat Remove 2 slats Remove 3 slats	2" x 95" 3-1/4" x 95" 5-1/4" x 95"
			6878F51L8S31HCC	Remove 1 slat Remove 2 slats Remove 2 slats	2" x 95" 3-1/4" x 95" 5-1/4" x 95"
			6879F51L8S31HCC	Remove 2 slat Remove 3 slats Remove 4 slats	2" x 95" 3-1/4" x 95" 5-1/4" x 95"
	8171WGBOC02	 2-1/4" Integrated Light Connection Clip	6873F51L8S32HCC	N/A Remove 1 slat Remove 1 slat	2" x 95" 3-1/4" x 95" 5-1/4" x 95"
			6874F51L8S32HCC	Remove 1 slat Remove 1 slat Remove 2 slats	2" x 95" 3-1/4" x 95" 5-1/4" x 95"
			6875F51L8S32HCC	Remove 1 slat Remove 1 slat Remove 2 slats	2" x 95" 3-1/4" x 95" 5-1/4" x 95"
			6876F51L8S32HCC	Remove 1 slat Remove 2 slats Remove 3 slats	2" x 95" 3-1/4" x 95" 5-1/4" x 95"
			6877F51L8S32HCC	Remove 1 slat Remove 2 slats Remove 3 slats	2" x 95" 3-1/4" x 95" 5-1/4" x 95"
			6878F51L8S32HCC	Remove 1 slat Remove 2 slats Remove 2 slats	2" x 95" 3-1/4" x 95" 5-1/4" x 95"
	8171WGBOC03	 3-1/4" Integrated Light Connection Clip	6873F51L8S33HCC	N/A Remove 1 slat Remove 1 slat	2" x 95" 3-1/4" x 95" 5-1/4" x 95"
			6874F51L8S33HCC	Remove 1 slat Remove 1 slat Remove 2 slats	2" x 95" 3-1/4" x 95" 5-1/4" x 95"
			6875F51L8S33HCC	Remove 1 slat Remove 1 slat Remove 2 slats	2" x 95" 3-1/4" x 95" 5-1/4" x 95"
			6876F51L8S33HCC	Remove 1 slat Remove 2 slats Remove 3 slats	2" x 95" 3-1/4" x 95" 5-1/4" x 95"

NOTE: Clips are packaged 12 PCS/CTN. Four clips are required for each light fixture.

