WOODWORKS® Grille – Classics
Western Hemlock Solid Wood Ceiling Panels

SUSTAIN®
High Performance
Sustainable
Ceiling Systems

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

1-3/8" Slat

Backer

Backer Clip

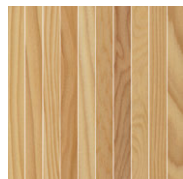WoodWorks Grille - Classics ceiling installation in Western Hemlock with Echo One pendant lighting from LightArt

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

KEY SELECTION ATTRIBUTES

- 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
- Coordinating solid wood trim in 4" and 6" depths

- 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
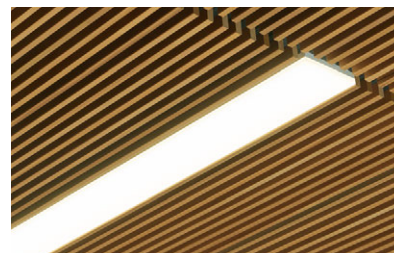- Made in the U.S.A. of domestic and global content

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" × 95" linear light fixture. Integration details at armstrongceilings.com/linearlighting

WOODWORKS® Grille – Classics
Western Hemlock Solid Wood Ceiling Panels

(new)

VISUAL SELECTION

Item No.	Dimensions Nominal W × L × H* (Inches)	Slat Dimensions Width	Height	Slats	Slat Spacing (Nominal)	% Open Area	LBS/ SF	CleanAssure™ Disinfectable Panels 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	•	•	•

ACOUSTICAL INFORMATION

Dots represent high level of performance.

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

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* 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.

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armstrongceilings.com/woodworksgrille

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Declare.

LEED V5

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

VISUAL SELECTION

Item No.	Dimensions Nominal W × L × H* (Inches)	Slat Dimensions			Slat Spacing (Nominal)
		Width	Height	Slats	

PERFORMANCE

% Open Area	LBS/ SF	CleanAssure™ Disinfectable Panels		
		Fog	Spray	Wipe

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Infill Panel Item No.	NRC

WOODWORKS® Grille – Classics in Western Hemlock

Item No.	W × L × H*	Width	Height	Slats	Slat Spacing	% Open Area	LBS/SF	Fog	Spray	Wipe	Infill Panel Item No.	NRC
6873F51L8S32HCC	12 × 96 × 2-3/4"	5/8"	2-1/4"	3 slats	3-3/8"	85%	0.99	•	•	•	5823 or 6657	0.75 / 0.75
6874F51L8S32HCC	12 × 96 × 2-3/4"	5/8"	2-1/4"	4 slats	2-3/8"	79%	1.26	•	•	•		
6875F51L8S32HCC	12 × 96 × 2-3/4"	5/8"	2-1/4"	5 slats	1-3/4"	74%	1.52	•	•	•		
6876F51L8S32HCC	12 × 96 × 2-3/4"	5/8"	2-1/4"	6 slats	1-3/8"	69%	1.78	•	•	•		
6877F51L8S32HCC	12 × 96 × 2-3/4"	5/8"	2-1/4"	7 slats	1"	64%	2.05	•	•	•		
6878F51L8S32HCC	12 × 96 × 2-3/4"	5/8"	2-1/4"	8 slats	7/8"	59%	2.31	•	•	•		

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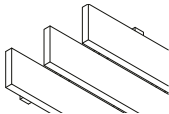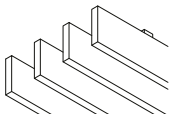
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new WOODWORKS® Grille – Classics
Western Hemlock Solid Wood Ceiling Panels

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LEED V5

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

VISUAL SELECTION

Item No.	Dimensions Nominal W × L × H* (Inches)	Slat Dimensions Width	Height	Slats	Slat Spacing (Nominal)
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"

PERFORMANCE

% Open Area	LBS/ SF	CleanAssure™ Disinfectable Panels Fog	Spray	Wipe
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	0.75 •
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.

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WOODWORKS® Grille – Classics
Western Hemlock Solid Wood Ceiling Panels

new

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

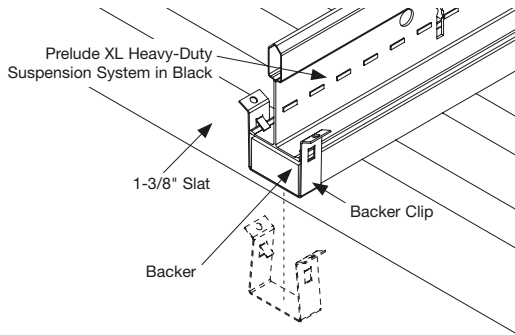NOTE: For integration with Axiom® trim (Black recommended for use with solid wood).

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WOODWORKS® Grille – Classics
Western Hemlock Solid Wood Ceiling Panels

SYSTEM INSTALLATION DETAILSW

Prelude XL Heavy-Duty
Suspension System in Black

1-3/8" Slat

Backer Clip

Backer

Ceiling Backer Assembly

Prelude® XL® Heavy-Duty
Suspension System
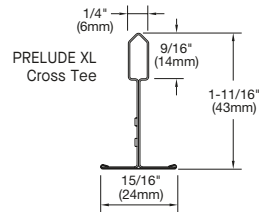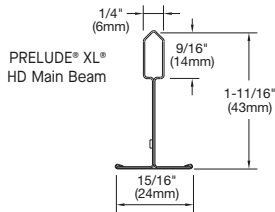
#6 x 1-1/4" bugle head
Hi-Lo drywall screw

Backer

2-1/4" Slat
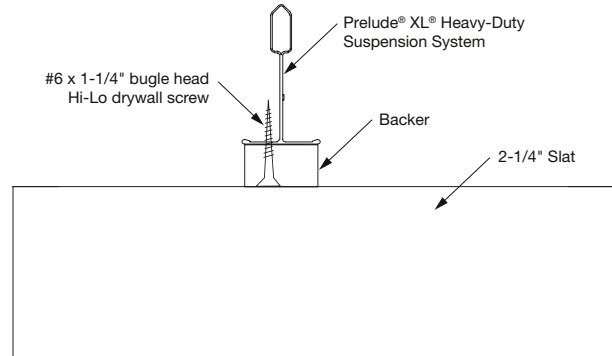
Screw Attachment Detail

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

SUSPENSION SYSTEMS
(Heavy-duty)

PRELUDE® XL®
HD Main Beam

1/4" (6mm)
9/16" (14mm)
1-11/16" (43mm)
15/16" (24mm)

PRELUDE XL
Cross Tee

1/4" (6mm)
9/16" (14mm)
1-11/16" (43mm)
15/16" (24mm)

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

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WOODWORKS® Grille – Classics

Linear Lighting

WoodWorks Grille – Classics panels in Maple with 5-1/4" × 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.
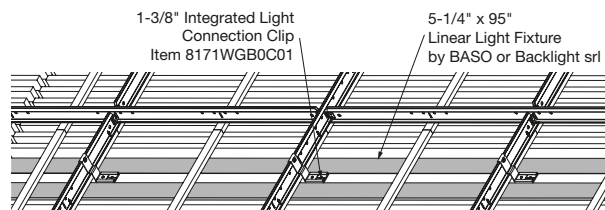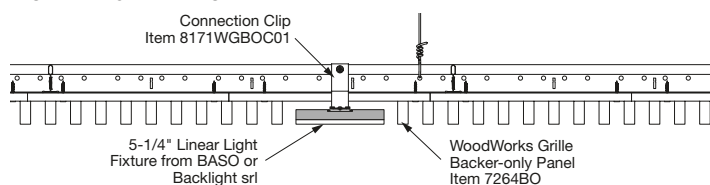
KEY SELECTION ATTRIBUTES

- 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

Connection Clip
Item 8171WGBOC01

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

WoodWorks Grille
Backer-only Panel
Item 7264BO

1-3/8" Integrated Light
Connection Clip
Item 8171WGB0C01

5-1/4" x 95"
Linear Light Fixture
by BASO or Backlight srl

LIGHTING FIXTURES

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

BASO

For detailed lighting
information, contact your
local BASO representative.

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armstrongceilings.com/linearlighting

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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 × L (Inches)
WoodWorks Grille – Classics	**8171WGBOC01**	1-3/8" Integrated Light Connection Clip		6873F51L8S31HCC	N/A Remove 1 slat Remove 1 slat	2" × 95" 3-1/4" × 95" 5-1/4" × 95"
				6874F51L8S31HCC	Remove 1 slat Remove 1 slat Remove 2 slats	2" × 95" 3-1/4" × 95" 5-1/4" × 95"
				6875F51L8S31HCC	Remove 1 slat Remove 1 slat Remove 2 slats	2" × 95" 3-1/4" × 95" 5-1/4" × 95"
				6876F51L8S31HCC	Remove 1 slat Remove 2 slats Remove 3 slats	2" × 95" 3-1/4" × 95" 5-1/4" × 95"
				6877F51L8S31HCC	Remove 1 slat Remove 2 slats Remove 3 slats	2" × 95" 3-1/4" × 95" 5-1/4" × 95"
				6878F51L8S31HCC	Remove 1 slat Remove 2 slats Remove 2 slats	2" × 95" 3-1/4" × 95" 5-1/4" × 95"
				6879F51L8S31HCC	Remove 2 slat Remove 3 slats Remove 4 slats	2" × 95" 3-1/4" × 95" 5-1/4" × 95"
	8171WGBOC02	2-1/4" Integrated Light Connection Clip		6873F51L8S32HCC	N/A Remove 1 slat Remove 1 slat	2" × 95" 3-1/4" × 95" 5-1/4" × 95"
				6874F51L8S32HCC	Remove 1 slat Remove 1 slat Remove 2 slats	2" × 95" 3-1/4" × 95" 5-1/4" × 95"
				6875F51L8S32HCC	Remove 1 slat Remove 1 slat Remove 2 slats	2" × 95" 3-1/4" × 95" 5-1/4" × 95"
				6876F51L8S32HCC	Remove 1 slat Remove 2 slats Remove 3 slats	2" × 95" 3-1/4" × 95" 5-1/4" × 95"
				6877F51L8S32HCC	Remove 1 slat Remove 2 slats Remove 3 slats	2" × 95" 3-1/4" × 95" 5-1/4" × 95"
				6878F51L8S32HCC	Remove 1 slat Remove 2 slats Remove 2 slats	2" × 95" 3-1/4" × 95" 5-1/4" × 95"
	8171WGBOC03	3-1/4" Integrated Light Connection Clip		6873F51L8S33HCC	N/A Remove 1 slat Remove 1 slat	2" × 95" 3-1/4" × 95" 5-1/4" × 95"
				6874F51L8S33HCC	Remove 1 slat Remove 1 slat Remove 2 slats	2" × 95" 3-1/4" × 95" 5-1/4" × 95"
				6875F51L8S33HCC	Remove 1 slat Remove 1 slat Remove 2 slats	2" × 95" 3-1/4" × 95" 5-1/4" × 95"
				6876F51L8S33HCC	Remove 1 slat Remove 2 slats Remove 3 slats	2" × 95" 3-1/4" × 95" 5-1/4" × 95"

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

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