

 WOODWORKS® Grille – Select
Solid Western Hemlock Ceiling Panels (Quoted)



WoodWorks Grille – Select Western Hemlock ceiling panels in Umber

Western Hemlock panels are available in a wide range of slat variations, offering thousands of configuration options.

KEY SELECTION ATTRIBUTES

-  Western Hemlock species is available in a variety of stains and clear coat
-  Coordinating solid wood trim in 3/4", 1" and 1-3/8" thickness in 4" and 6" nominal heights
- The natural warmth of wood can contribute to biophilic designs and building certification standards like the WELL™ v2 "Nature and Place" feature
- Panels are available in 3' to 10' lengths with 2-8 slats per panel
- Optional fleece provides 0.55 NRC and hides the plenum for a clean, finished visual
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- FSC® Certified wood is available as a custom option (FSC® C007626); Contact ASQuote@armstrong.com

WOODWORKS® Grille – Select
Solid Western Hemlock Ceiling Panels (Quoted)

LEED V5

COMMON MATERIALS FRAMEWORK	
Human Health	Climate Health
	Ecosystem Health
	Circular Economy
OCCUPANT EXPERIENCE	Acoustics



FINISHES ON WESTERN HEMLOCK



Hemlock Clear Coat (HC)



Sand (HS)



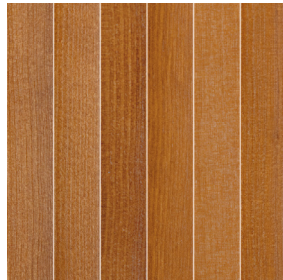
Buckskin (HB)



Honey (HH)



Fallow (HF)



Ginger (HG)



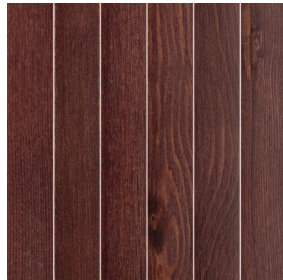
Umber (HU)



Sepia (HP)



Russet (HR)



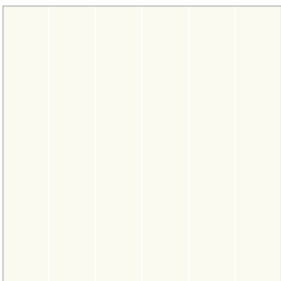
Merlot (HM)



Kohl (HK)



Jet (HJ)



Snow (HW)*

CUSTOM FINISHES



Custom Wood
Species and Finishes
Available

* Snow is an opaque finish that conceals most of the wood graining and texture.

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LEED V5

COMMON MATERIALS FRAMEWORK
Human Health

Climate Health
Ecosystem Health

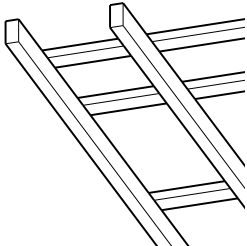
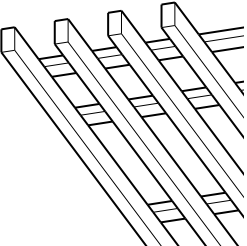
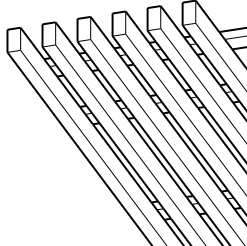
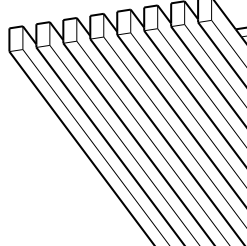
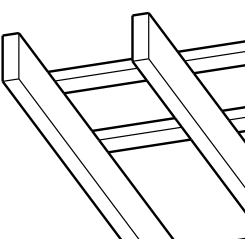
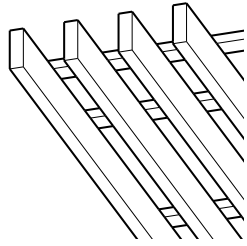
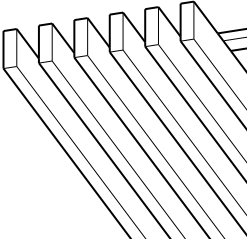
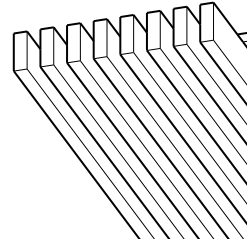
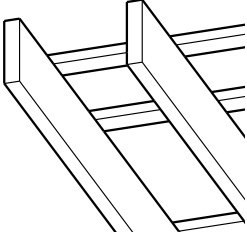
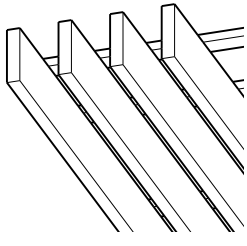
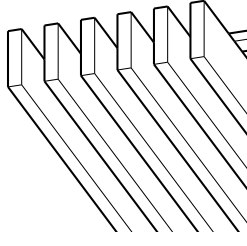
Circular Economy

OCCUPANT EXPERIENCE

Acoustics



PANEL CONFIGURATIONS 12" width, 3/4" slat (Available in 3' to 10' lengths)

3/4" SLAT WIDTH				
	2 Slats Per Panel 88% Open Area	4 Slats Per Panel 75% Open Area	6 Slats Per Panel 63% Open Area	8 Slats Per Panel 50% Open Area
1-3/8" SLAT HEIGHT*				
	Item 1012F51L_S34_◆	Item 1014F51L_S34_◆	Item 1016F51L_S34_◆	Item 1018F51L_S34_◆
2-1/4" SLAT HEIGHT*				
	Item 1012F51L_S02_◆	Item 1014F51L_S02_◆	Item 1016F51L_S02_◆	Item 1018F51L_S02_◆
3-1/4" SLAT HEIGHT				
	Item 1012F51L_S03_◆	Item 1014F51L_S03_◆	Item 1016F51L_S03_◆	

◆ When specifying or ordering, include the single digit for the panel length and the two-letter finish suffix (e.g., 1014F51L8S03HS – 4 slats, 3/4 × 96 × 3-1/4" in Sand).

ITEM NUMBER KEY

101 2 F51L S34 HS

Solid Western Hemlock
 Slats per Panel: 2
 Panel Length: 4'
 Slat Width & Height Differentiator
 Finish: Sand

WOODWORKS® Grille – Select
Solid Western Hemlock Ceiling Panels (Quoted)

LEED V5

COMMON MATERIALS FRAMEWORK

Human Health

Climate Health

Ecosystem Health

Circular Economy

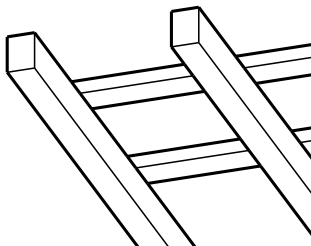
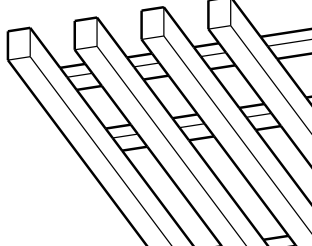
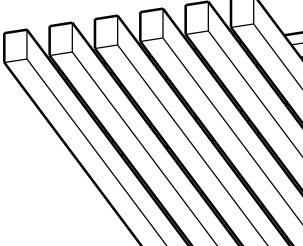
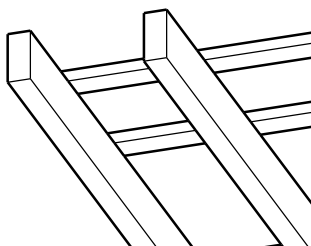
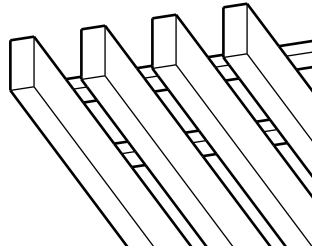
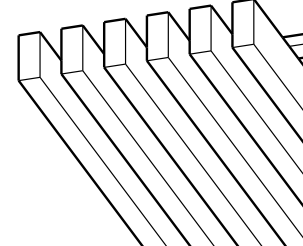
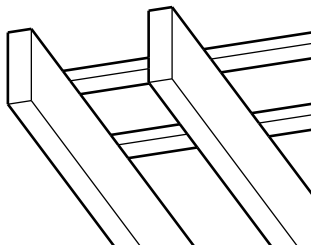
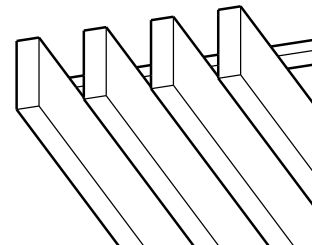


OCCUPANT EXPERIENCE

Acoustics



PANEL CONFIGURATIONS 12" width, 1" slat (Available in 3' to 10' lengths)

1" SLAT WIDTH			
	2 Slats Per Panel 83% Open Area	4 Slats Per Panel 67% Open Area	6 Slats Per Panel 50% Open Area
1-3/8" SLAT HEIGHT*	 Item 1012F51L_S35_ _◆	 Item 1014F51L_S35_ _◆	 Item 1016F51_S35_ _◆
2-1/4" SLAT HEIGHT*	 Item 1012F51L_S06_ _◆	 Item 1014F51L_S06_ _◆	 Item 1016F51_S06_ _◆
3-1/4" SLAT HEIGHT	 Item 1012F51L_SS07_ _◆	 Item 1014F51L_S07_ _◆	

◆ When specifying or ordering, include the single digit for the panel length and the two-letter finish suffix (e.g., 1014F51LgS03HS – 4 slats, 3/4 × 96 × 3-1/4" in Sand).

ITEM NUMBER KEY

101	2	F51L	S34	HS
Solid Western Hemlock	Slats per Panel: 2	Panel Length: 4'	Slat Width & Height Differentiator	Finish: Sand

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LEED V5

COMMON MATERIALS FRAMEWORK
Human Health

Climate Health
Ecosystem Health

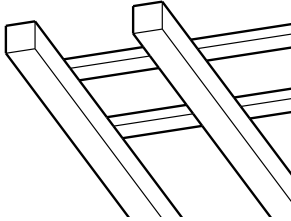
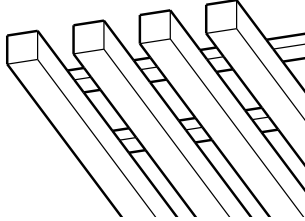
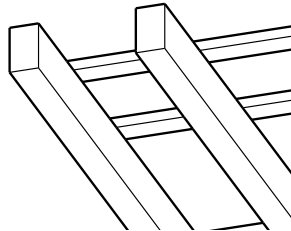
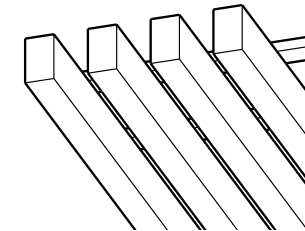
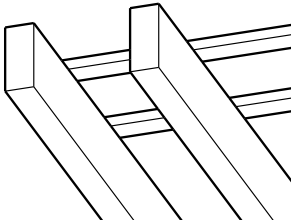
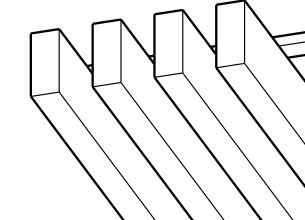
Circular Economy

OCCUPANT EXPERIENCE

Acoustics



PANEL CONFIGURATIONS 12" width, 1-3/8" slat (Available in 3' to 10' lengths)

	1-3/8" SLAT WIDTH	
	2 Slats Per Panel 77% Open Area	4 Slats Per Panel 54% Open Area
1-3/8" SLAT HEIGHT*	 Item 1012F51L_S36_ _◆	 Item 1014F51L_S36_ _◆
2-1/4" SLAT HEIGHT*	 Item 1012F51L_S37_ _◆	 Item 1014F51L_S37_ _◆
3-1/4" SLAT HEIGHT	 Item 1012F51L_S38_ _◆	 Item 1014F51L_S38_ _◆

◆ When specifying or ordering, include the single digit for the panel length and the two-letter finish suffix (e.g., 1014F51L8S03HS – 4 slats, 3/4 × 96 × 3-1/4" in Sand).

ITEM NUMBER KEY

101 2 F51L S34 HS

Solid Western Hemlock
 Slats per Panel: 2
 Panel Length: 4'
 Slat Width & Height Differentiator
 Finish: Sand

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COMMON MATERIALS FRAMEWORK
Human Health

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OCCUPANT EXPERIENCE

Acoustics



VISUAL SELECTION

		Item No. ◆	Slat Dimensions		Space Between Slats (Nominal)	lbs/SF	% Open Area
			Width	Depth			
WOODWORKS® Grille – Select with Fleece Backer	3 slats per panel	BPAS1023F51L_S34__	3/4"	1-3/8"	4-7/8"	1	81
		BPAS1023F51L_S02__	3/4"	2-1/4"	4-7/8"	1	81
		BPAS1023F51L_S03__	3/4"	3-1/4"	4-7/8"	1.5	81
		BPAS1023F51L_S35__	1"	1-3/8"	4-1/2"	1	75
		BPAS1023F51L_S06__	1"	2-1/4"	4-1/2"	1.5	75
		BPAS1023F51L_S07__	1"	3-1/4"	4-1/2"	2	75
		BPAS1023F51L_S36__	1-3/8"	1-3/8"	4"	1.5	66
		BPAS1023F51L_S37__	1-3/8"	2-1/4"	4"	2	66
		BPAS1023F51L_S38__	1-3/8"	3-1/4"	4"	3	66
	4 slats per panel	BPAS1024F51L_S34__	3/4"	1-3/8"	3"	1	75
		BPAS1024F51L_S02__	3/4"	2-1/4"	3"	1.5	75
		BPAS1024F51L_S03__	3/4"	3-1/4"	3"	2	75
		BPAS1024F51L_S35__	1"	1-3/8"	2-2/3"	1.5	67
		BPAS1024F51L_S06__	1"	2-1/4"	2-2/3"	2	67
		BPAS1024F51L_S07__	1"	3-1/4"	2-2/3"	3	67
		BPAS1024F51L_S36__	1-3/8"	1-3/8"	2-1/6"	1.5	54
		BPAS1024F51L_S37__	1-3/8"	2-1/4"	2-1/6"	2.5	54
		BPAS1024F51L_S38__	1-3/8"	3-1/4"	2-1/6"	4	54
	5 slats per panel	BPAS1025F51L_S34__	3/4"	1-3/8"	2"	1	69
		BPAS1025F51L_S02__	3/4"	2-1/4"	2"	2	69
		BPAS1025F51L_S03__	3/4"	3-1/4"	2"	2.5	69
		BPAS1025F51L_S35__	1"	1-3/8"	1-3/4"	1.5	58
		BPAS1025F51L_S06__	1"	2-1/4"	1-3/4"	2.5	58
		BPAS1025F51L_S07__	1"	3-1/4"	1-3/4"	3.5	58
		BPAS1025F51L_S36__	1-3/8"	1-3/8"	1-2/7"	2	43
		BPAS1025F51L_S37__	1-3/8"	2-1/4"	1-2/7"	3.5	43

◆ When specifying or ordering, include the single digit for the panel length and the two-letter finish suffix (e.g., 1014F51L8S03HS – 4 slats, 3/4 × 96 × 3-1/4" in Sand).

PANEL LENGTH KEY

Panel Length	3'	4'	5'	6'	7'	8'	9'	10'
Suffix	L3	L4	L5	L6	L7	L8	L9	L0

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Panel Item No.	NRC
Panel with fleece	0.55
6657	0.75
5823	0.75
5823 with fleece	0.85

NRC

DEF

DEF

WOODWORKS®

WOODWORKS® Grille – Select
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LEED V5

COMMON MATERIALS FRAMEWORK

Human Health

Climate Health

Ecosystem Health

Circular Economy

OCCUPANT EXPERIENCE

Acoustics



VISUAL SELECTION

		Item No. ◆	Slat Dimensions		Space Between Slats (Nominal)	lbs/SF	% Open Area
			Width	Depth			
WOODWORKS® Grille – Select with Fleece Backer	6 slats per panel	BPAS1026F51L_S34_ _	3/4"	1-3/8"	1-1/2"	1.5	63
		BPAS1026F51L_S02_ _	3/4"	2-1/4"	1-1/2"	2.5	63
		BPAS1026F51L_S03_ _	3/4"	3-1/4"	1-1/2"	3	63
		BPAS1026F51L_S35_ _	1"	1-3/8"	1-1/5"	2	50
		BPAS1026F51L_S06_ _	1"	2-1/4"	1-1/5"	3	50
	7 slats per panel	BPAS1027F51L_S34_ _	3/4"	1-3/8"	1-1/8"	1.5	56
		BPAS1027F51L_S02_ _	3/4"	2-1/4"	1-1/8"	2.5	56
		BPAS1027F51L_S35_ _	1"	1-3/8"	5/6"	2	42
	8 slats per panel	BPAS1028F51L_S34_ _	3/4"	1-3/8"	6/7"	2	50
		BPAS1028F51L_S02_ _	3/4"	2-1/4"	6/7"	3	50

◆ When specifying or ordering, include the single digit for the panel length and the two-letter finish suffix (e.g., 1014F51LS03HS – 4 slats, 3/4 × 96 × 3-1/4" in Sand).

PANEL LENGTH KEY

Panel Length	3'	4'	5'	6'	7'	8'	9'	10'
Suffix	L3	L4	L5	L6	L7	L8	L9	L0

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Panel Item No.	NRC
Panel with fleece	0.55
6657	0.75 *
5823	0.75 *
5823 with fleece	0.85 *



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VISUAL SELECTION

		Item No. ◆	Slat Dimensions		Space Between Slats (Nominal)	lbs/SF	% Open Area
			Width	Depth			
WOODWORKS® Grille – Select (Panel Only)	2 slats per panel	BPAS1012F51L_S34_ _	3/4"	1-3/8"	10-1/2"	0.5	88
		BPAS1012F51L_S02_ _	3/4"	2-1/4"	10-1/2"	1	88
		BPAS1012F51L_S03_ _	3/4"	3-1/4"	10-1/2"	1	88
		BPAS1012F51L_S35_ _	1"	1-3/8"	10"	0.5	83
		BPAS1012F51L_S06_ _	1"	2-1/4"	10"	1	83
		BPAS1012F51L_S07_ _	1"	3-1/4"	10"	1.5	83
		BPAS1012F51L_S36_ _	1-3/8"	1-3/8"	9-1/4"	1	77
		BPAS1012F51L_S37_ _	1-3/8"	2-1/4"	9-1/4"	1.5	77
		BPAS1012F51L_S38_ _	1-3/8"	3-1/4"	9-1/4"	2	77
	3 slats per panel	BPAS1013F51L_S34_ _	3/4"	1-3/8"	4-7/8"	1	81
		BPAS1013F51L_S02_ _	3/4"	2-1/4"	4-7/8"	1	81
		BPAS1013F51L_S03_ _	3/4"	3-1/4"	4-7/8"	1.5	81
		BPAS1013F51L_S35_ _	1"	1-3/8"	4-1/2"	1	75
		BPAS1013F51L_S06_ _	1"	2-1/4"	4-1/2"	1.5	75
		BPAS1013F51L_S07_ _	1"	3-1/4"	4-1/2"	2	75
		BPAS1013F51L_S36_ _	1-3/8"	1-3/8"	4"	1.5	66
		BPAS1013F51L_S37_ _	1-3/8"	2-1/4"	4"	2	66
		BPAS1013F51L_S38_ _	1-3/8"	3-1/4"	4"	3	66
	4 slats per panel	BPAS1014F51L_S34_ _	3/4"	1-3/8"	3"	1	75
		BPAS1014F51L_S02_ _	3/4"	2-1/4"	3"	1.5	75
		BPAS1014F51L_S03_ _	3/4"	3-1/4"	3"	2	75
		BPAS1014F51L_S35_ _	1"	1-3/8"	2-2/3"	1.5	67
		BPAS1014F51L_S06_ _	1"	2-1/4"	2-2/3"	2	67
		BPAS1014F51L_S07_ _	1"	3-1/4"	2-2/3"	3	67
		BPAS1014F51L_S36_ _	1-3/8"	1-3/8"	2-1/6"	1.5	54
		BPAS1014F51L_S37_ _	1-3/8"	2-1/4"	2-1/6"	2.5	54
		BPAS1014F51L_S38_ _	1-3/8"	3-1/4"	2-1/6"	4	54

◆ When specifying or ordering, include the single digit for the panel length and the two-letter finish suffix (e.g., 1014F51L8S03HS – 4 slats, 3/4 × 96 × 3-1/4" in Sand).

PANEL LENGTH KEY

Panel Length	3'	4'	5'	6'	7'	8'	9'	10'
Suffix	L3	L4	L5	L6	L7	L8	L9	L0

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Panel Item No.	NRC
Panel with fleece	0.55
6657	0.75
5823	0.75
5823 with fleece	0.85



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LEED V5

COMMON MATERIALS FRAMEWORK
Human Health

Climate Health
Ecosystem Health

Circular Economy

OCCUPANT EXPERIENCE

Acoustics



VISUAL SELECTION

		Item No. ◆	Slat Dimensions		Space Between Slats (Nominal)	lbs/SF	% Open Area
			Width	Depth			
WOODWORKS® Grille – Select (Panel Only)	5 slats per panel	BPAS1015F51L_S34_ _	3/4"	1-3/8"	2"	1	69
		BPAS1015F51L_S02_ _	3/4"	2-1/4"	2"	2	69
		BPAS1015F51L_S03_ _	3/4"	3-1/4"	2"	2.5	69
		BPAS1015F51L_S35_ _	1"	1-3/8"	1-3/4"	1.5	58
		BPAS1015F51L_S06_ _	1"	2-1/4"	1-3/4"	2.5	58
		BPAS1015F51L_S07_ _	1"	3-1/4"	1-3/4"	3.5	58
		BPAS1015F51L_S36_ _	1-3/8"	1-3/8"	1-2/7"	2	43
		BPAS1015F51L_S37_ _	1-3/8"	2-1/4"	1-2/7"	3.5	43
	6 slats per panel	BPAS1016F51L_S34_ _	3/4"	1-3/8"	1-1/2"	1.5	63
		BPAS1016F51L_S02_ _	3/4"	2-1/4"	1-1/2"	2.5	63
		BPAS1016F51L_S03_ _	3/4"	3-1/4"	1-1/2"	3	63
		BPAS1016F51L_S35_ _	1"	1-3/8"	1-1/5"	2	50
		BPAS1016F51L_S06_ _	1"	2-1/4"	1-1/5"	3	50
	7 slats per panel	BPAS1017F51L_S34_ _	3/4"	1-3/8"	1-1/8"	1.5	56
		BPAS1017F51L_S02_ _	3/4"	2-1/4"	1-1/8"	2.5	56
		BPAS1017F51L_S35_ _	1"	1-3/8"	5/6"	2	42
	8 slats per panel	BPAS1018F51L_S34_ _	3/4"	1-3/8"	6/7"	2	50
		BPAS1018F51L_S02_ _	3/4"	2-1/4"	6/7"	3	50

◆ When specifying or ordering, include the single digit for the panel length and the two-letter finish suffix (e.g., 1014F51L_S03H5 – 4 slats, 3/4 × 96 × 3-1/4" in Sand).

PANEL LENGTH KEY

Panel Length	3'	4'	5'	6'	7'	8'	9'	10'
Suffix	L3	L4	L5	L6	L7	L8	L9	L0

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Panel Item No.	NRC
Panel with fleece	0.55
6657	0.75 *
5823	0.75 *
5823 with fleece	0.85 *



WOODWORKS® Grille – Select
Solid Western Hemlock Ceiling Panels (Quoted)

LEED V5

COMMON MATERIALS FRAMEWORK

Human Health

Climate Health

Ecosystem Health

Circular Economy

OCCUPANT EXPERIENCE

Acoustics



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	BPAS1009F51H4T06_ _	4" × 3/4" Western Hemlock Solid Wood Trim with 4 Clips (Item 5925)	4 × 96 × 3/4"	All Finishes	1
	BPAS1009F51H4T08_ _	4" × 1" Western Hemlock Solid Wood Trim with 4 Clips (Item 5925)	4 × 96 × 1"	All Finishes	1
	BPAS1009F51H4T11_ _	4" × 1-3/8" Western Hemlock Solid Wood Trim with 4 Clips (Item 5925)	4 × 96 × 1-3/8"	All Finishes	1
	BPAS1009F51H6T06_ _	6" × 3/4" Western Hemlock Solid Wood Trim with 4 Clips (Item 5925)	6 × 96 × 3/4"	All Finishes	1
	BPAS1009F51H6T08_ _	6" × 1" Western Hemlock Solid Wood Trim with 4 Clips (Item 5925)	6 × 96 × 1"	All Finishes	1
	BPAS1009F51H6T11_ _	6" × 1-3/8" Western Hemlock Solid Wood Trim with 4 Clips (Item 5925)	6 × 96 × 1-3/8"	All Finishes	1
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	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
	1010BL	WoodWorks Grille – Select Flat Backer	7/8 × 12 × 1/2"	Black	18
	BPAS1011QT1_ _	WoodWorks Grille – Select End-Stain (Quart)	N/A	All Finishes	1 Quart

♦ When specifying or ordering, include the 2-letter color suffix that coordinates with your WoodWorks ceiling: (e.g., BPAS1011QT1**HS**).
NOTE: For integration with Axiom® trim (Black recommended for use with solid wood).



WOODWORKS® Grille – Select
Solid Western Hemlock Ceiling Panels (Quoted)

LEED V5

COMMON MATERIALS FRAMEWORK

Human Health

Climate Health

Ecosystem Health

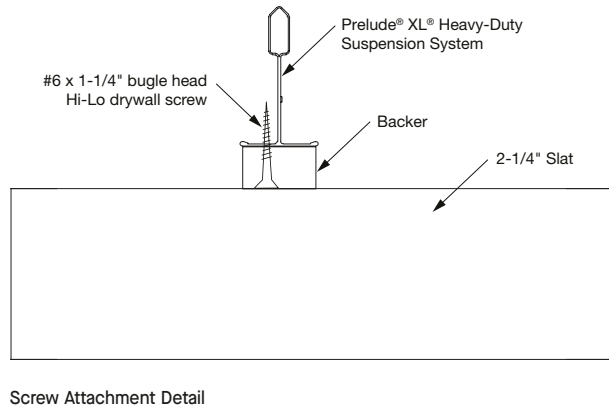
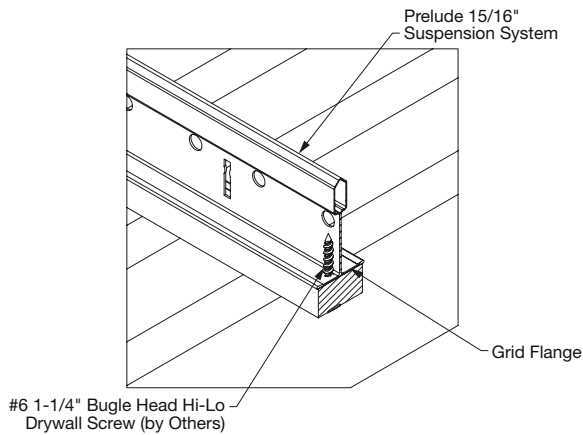
Circular Economy

OCCUPANT EXPERIENCE

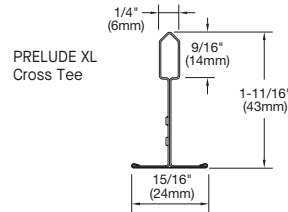
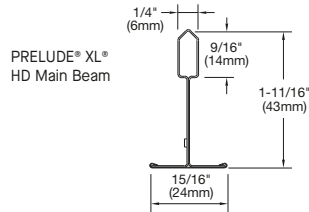
Acoustics



SYSTEM INSTALLATION DETAILS



SUSPENSION SYSTEMS
(Heavy-duty)



PHYSICAL DATA

Material

Slats – solid Western Hemlock
Backers – Plywood

Surface Finish

Clear or tinted satin coating on all finishes except SNOW (HW), which has a water-based lacquer finish.

Fire Performance

Class B: ASTM E84 surface burning characteristics.
Flame Spread Index 75 or less. Smoke Developed Index 450 or less.

Class A coating is available upon request.

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 – Select panels are engineered for application in all seismic areas when installed per Armstrong installation instructions.

Always consult all applicable local building codes, including seismic design and restraint requirements for the project location.

Cleaning and Disinfecting

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

Warranty

Details at armstrong.com/warranty

Weight

Refer to visual selection chart

Minimum Order Quantity

240 SF