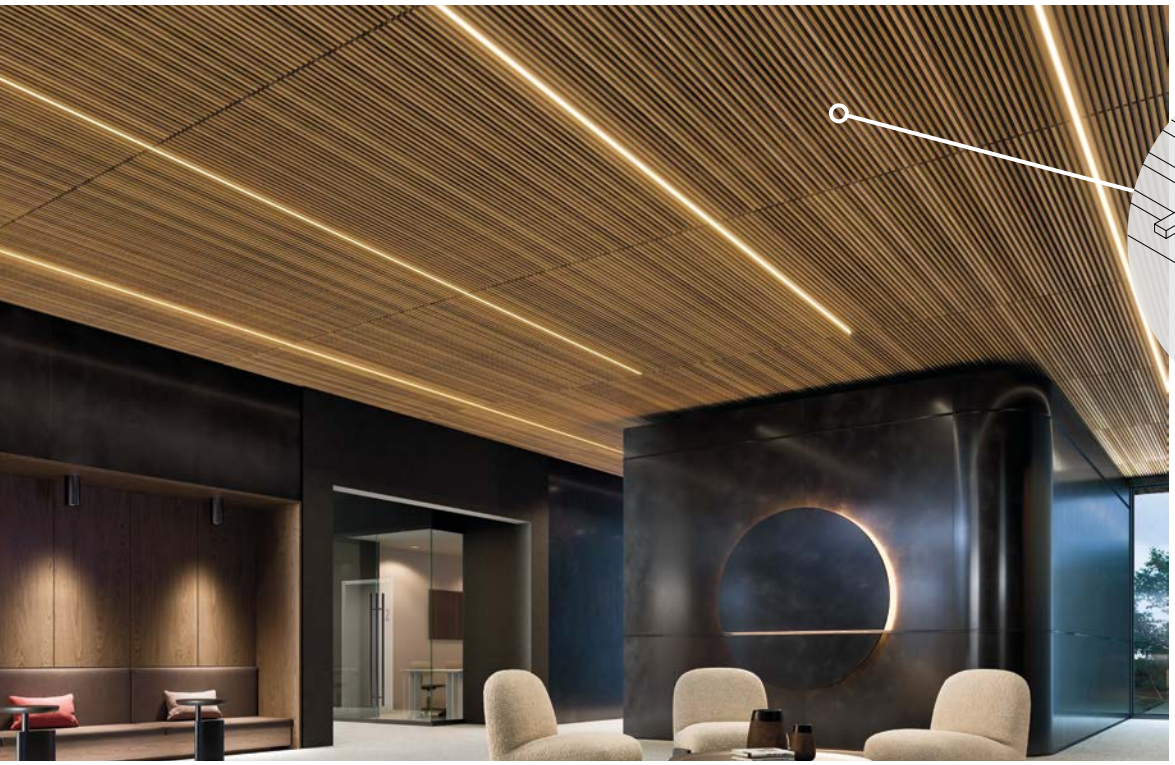
WOODWORKS® Grille – Forté

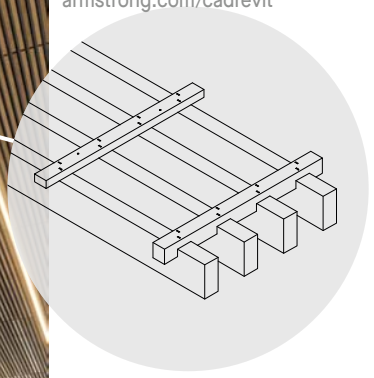
Solid Wood Ceiling Panels with Notched Backers

TOTAL ACOUSTICS®
Sound Absorption (NRC)
+ Sound Blocking (CAC)

SUSTAIN®
High Performance
Sustainable
Ceiling Systems



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



WoodWorks® Grille – Forté ceiling panels in Natural Walnut with Armstrong Integrated Lighting

The inimitable beauty of solid wood combines with on-trend finishes to offer the industry's largest selection of standard grille designs.

KEY SELECTION ATTRIBUTES

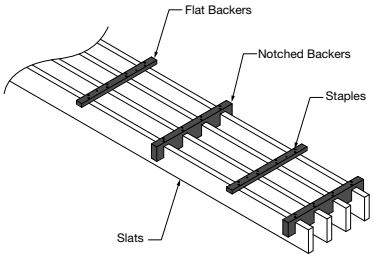
- 33 standard solid wood panel configurations in 4', 6', and 8' lengths to minimize the need for customization
- 11 on-trend standard finishes on solid poplar are tinted to replicate naturally occurring wood tones
- Panels are part of the Sustain® portfolio and meet the most stringent industry sustainability compliance standards today
- Enhanced structural design with notched alignment backers minimize the naturally occurring twist of solid wood and improves handleability during install
- Coordinating solid wood trims in 4" and 6" depths
- Install in the ceiling, on the wall, or create ceiling-to-wall transitions
- Black acoustical infill panels hide the plenum for a clean, finished install visual and provide Total Acoustics® with NRC up to .85 and CAC up to 35
- 5 designs with at least 70% open area to minimize sprinkler install and material cost, achieving a less cluttered finished ceiling with an open aesthetic
- Installs on familiar, heavy-duty Prelude® Grid with pre-drilled backer holes eliminate splitting for long-term durability
- The natural warmth of wood can contribute to biophilic designs and building certification standards like the WELL™ v2 "Nature and Place" feature
- Centered backers allow for a non-directional install, providing flexibility in install layout and clean accessibility
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- Premium options include FSC® Certified solid wood and additional tinted finishes (FSC-C007626)
- Custom options include unique panel configurations, lengths, plenum-hiding fleece, and additional species. Contact ASQuote@armstrong.com
- Made in the U.S.A. of domestic and global content
- Build America, Buy America (BABA) Act compliant

LIGHTING

new

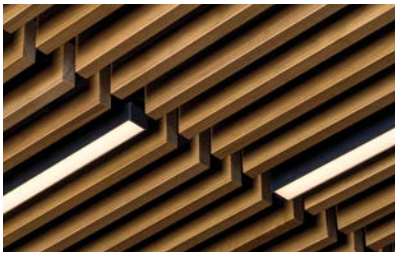
- Simplify lighting coordination at every stage with Armstrong Integrated Lighting; Lights and pre-engineered grille panels are designed to work together for seamless specification and installation
- Integrated downlighting solutions from USAI® Lighting are certified for fit and finish and engineered to be supported by standard Armstrong suspension systems for use in all areas, including seismic D, E, & F zones

SOLID PANEL BACKER DETAIL





USAI(R) DOWNLIGHTING: WoodWorks Grille – Classics panels with USAI® Micro™ downlight fixture. Integration details at armstrong.com/downlighting



ARMSTRONG INTEGRATED LIGHTING: WoodWorks® Grille – Forté solid panels in Natural Walnut with 1-1/2" linear light fixture. See lighting section for details.

TechLine 877 276-7876
armstrong.com/woodworksgrille

Armstrong®
World Industries

WOODWORKS® Grille – Forté

Solid Wood Ceiling Panels with Notched Backers

SUSTAIN®
High Performance
Sustainable Ceiling Systems

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	✓

DESIGNING WITH NATURE



Custom Grille installation with biophilic design

Incorporating nature into a built environment, whether living plants or natural wood finishes, enhances Indoor Environmental Quality (IEQ).

With 90% of our time spent indoors, it's beneficial to occupant well-being to bring the outdoors in. Wood interiors contribute to any biophilic design, connecting us with nature and offering a natural warmth and comfort. Inspired by nature and made of natural elements, aesthetically pleasing wood finishes store carbon.

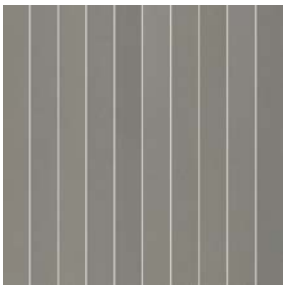
EMBRACING THE BEAUTY OF NATURAL WOOD

Our tinted finishes allow the natural character of the poplar to shine through. The images here reflect the visual range that is likely within our product. Installers will want to lay out panels before installing to achieve preferred aesthetic.

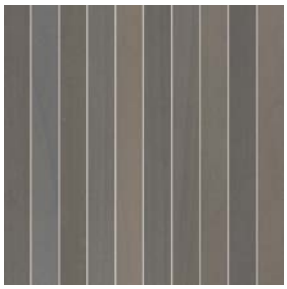
Finish Ranges on Solid Poplar



Bleached Grey (GBG)



Classic Grey (GCG)



Carbon Grey (GCB)



Rich Mahogany (GRY)



Antique Oak (GAO)



Red Oak (GRK)



English Chestnut (GEC)



Golden Maple (GGM)



Natural Walnut (GWN)



Warm Oak (GWO)



Forest Walnut (GFW)

White (GWH)



Custom Wood Species and Finishes Available

Made-to-order, custom backer colors available.

Due to printing limitations, shade may vary from actual product.

TechLine 877 276-7876
armstrong.com/woodworksgrille

Armstrong®
World Industries

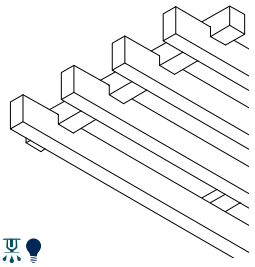
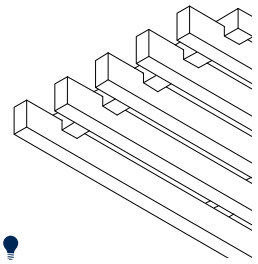
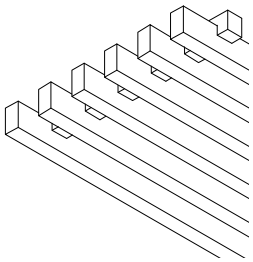
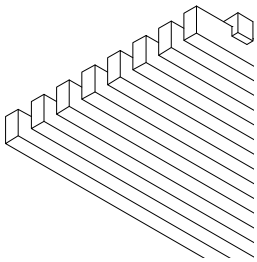
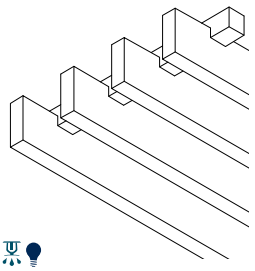
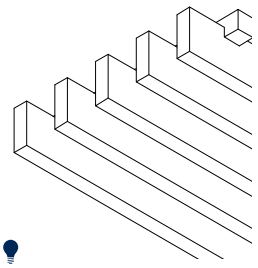
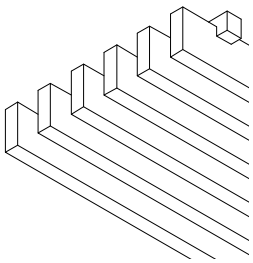
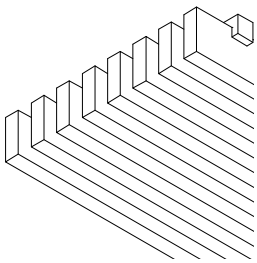
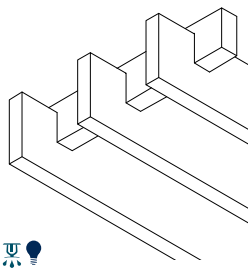
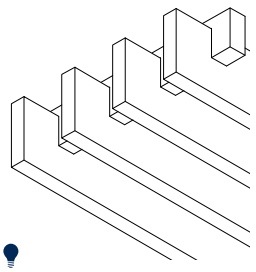
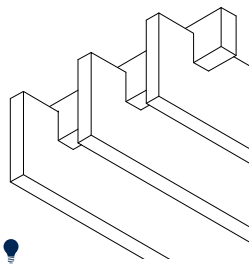
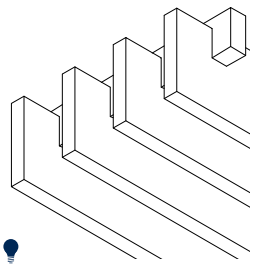
WOODWORKS® Grille – Forté

Solid Wood Ceiling Panels with Notched Backers

Indicates panel configuration that integrates with the USAI® Micro™ for WoodWorks® downlight. Refer to the last page of this data sheet for details.

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.

STANDARD PANEL CONFIGURATIONS 12" width, 3/4" slat (Available in 4', 6', and 8' nominal lengths)

	3/4" SLAT WIDTH				
	3 Slats Per Panel 81% Open Area	4 Slats Per Panel 75% Open Area	5 Slats Per Panel 69% Open Area	6 Slats Per Panel 63% Open Area	8 Slats Per Panel 50% Open Area
1-3/8" SLAT HEIGHT*		 Item 6324L _ S01 _ _ _◆	 Item 6325L _ S01 _ _ _◆	 Item 6326L _ S01 _ _ _◆	 Item 6328L _ S01 _ _ _◆
2-1/4" SLAT HEIGHT*		 Item 6324L _ S02 _ _ _◆	 Item 6325L _ S02 _ _ _◆	 Item 6326L _ S02 _ _ _◆	 Item 6328L _ S02 _ _ _◆
3-1/4" SLAT HEIGHT	 Item 6323L _ S03 _ _ _◆	 Item 6324L _ S03 _ _ _◆			
4-1/4" SLAT HEIGHT	 Item 6323L _ S04 _ _ _◆	 Item 6324L _ S04 _ _ _◆			

ITEM NUMBER KEY

632 3 L4 S03 GGM

632	3	L4	S03	GGM
Solid Poplar Wood	Slats per Panel: 3	Panel Length: 4'	Slat Width & Height Differentiator	Finish: Golden Maple

◆ When specifying or ordering please include the slat length (4, 6, or 8) and finish suffix (e.g., 6323L 4 S03 G B G – 3 slats, 3/4 × 48 × 3-1/4" in Bleached Grey).

* Panel configurations with slats less than 2-1/4" in height are approved for use on walls.

WOODWORKS® Grille – Forté

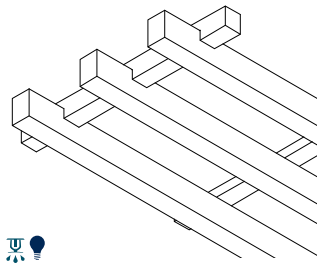
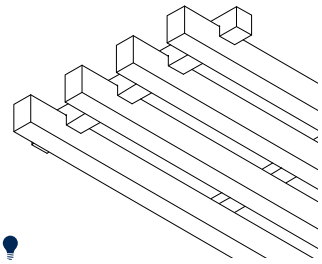
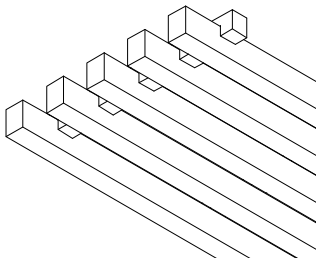
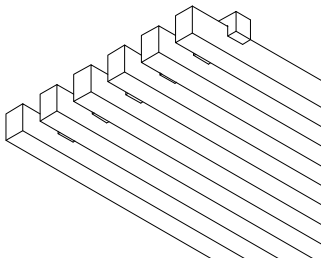
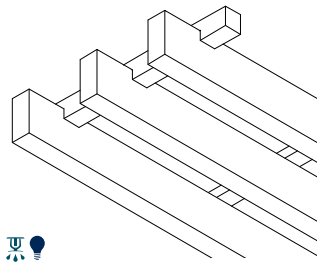
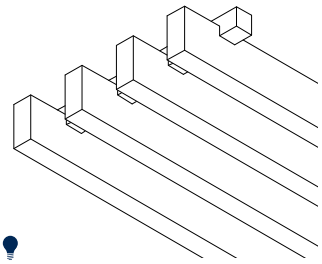
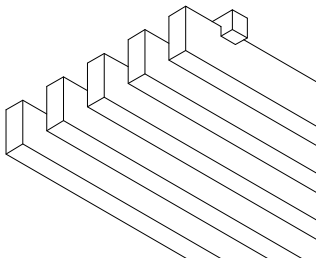
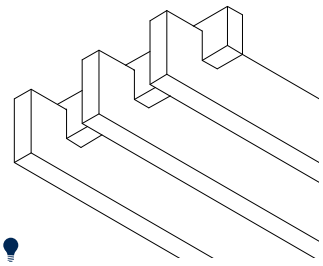
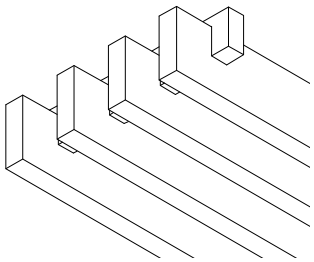
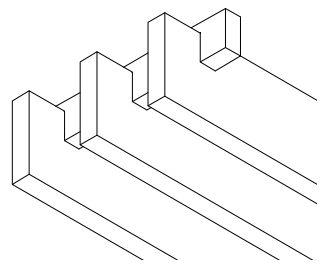
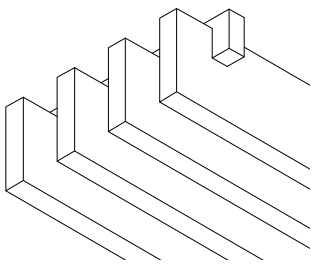
Solid Wood Ceiling Panels with Notched Backers

Indicates panel configuration that integrates with the USAI® Micro™ for WoodWorks® downlight. Refer to the last page of this data sheet for details.

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.

STANDARD PANEL CONFIGURATIONS 12" width, 1" slat (Available in 4', 6', and 8' nominal lengths)

1" SLAT WIDTH

	3 Slats Per Panel 75% Open Area	4 Slats Per Panel 67% Open Area	5 Slats Per Panel 58% Open Area	6 Slats Per Panel 50% Open Area
1-3/8" SLAT HEIGHT*	 Item 6323L _ S05 _ _ _◆	 Item 6324L _ S05 _ _ _◆	 Item 6325L _ S05 _ _ _◆	 Item 6326L _ S05 _ _ _◆
2-1/4" SLAT HEIGHT*	 Item 6323L _ S06 _ _ _◆	 Item 6324L _ S06 _ _ _◆	 Item 6325L _ S06 _ _ _◆	
3-1/4" SLAT HEIGHT	 Item 6323L _ S07 _ _ _◆	 Item 6324L _ S07 _ _ _◆		
4-1/4" SLAT HEIGHT	 Item 6323L _ S08 _ _ _◆	 Item 6324L _ S08 _ _ _◆		

ITEM NUMBER KEY

632 3 L4 S05 GGM

Solid Poplar Wood	Slats per Panel: 3	Panel Length: 4'	Slat Width & Height Differentiator	Finish: Golden Maple

◆ When specifying or ordering please include the slat length (4, 6, or 8) and finish suffix (e.g., 6324L 6 S07 G F W – 4 slats, 1 × 72 × 3-1/4" in Forest Walnut).

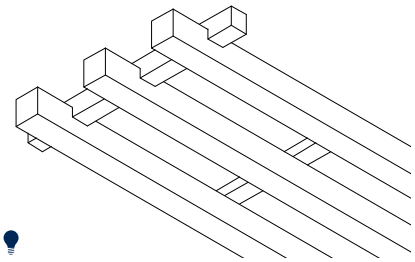
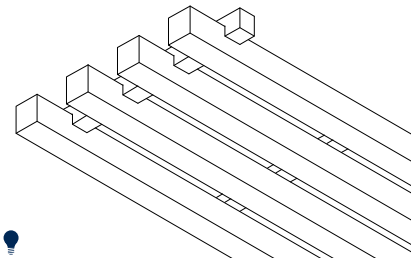
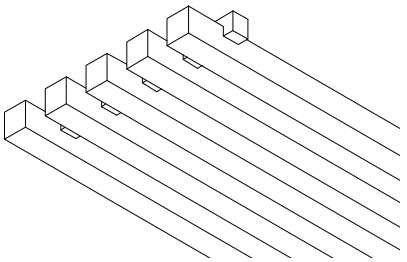
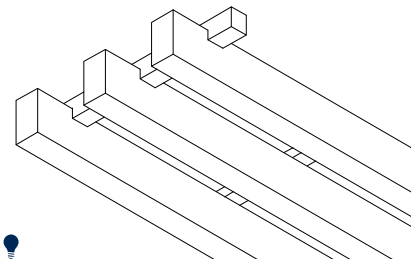
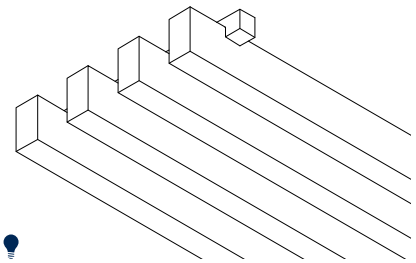
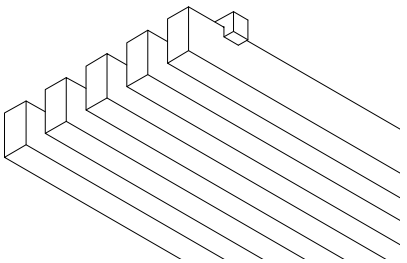
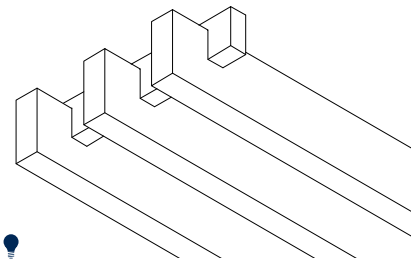
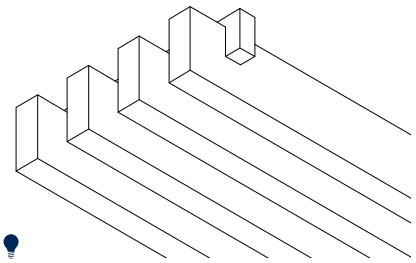
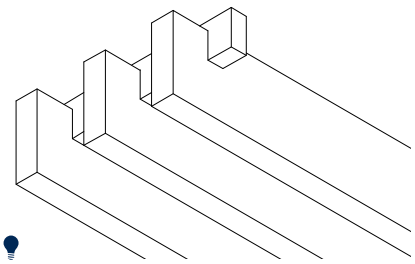
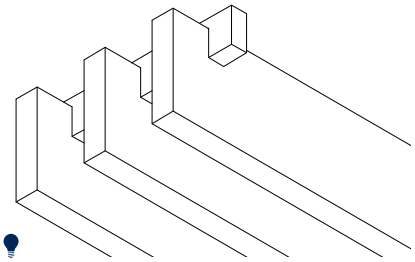
* Panel configurations with slats less than 2-1/4" in height are approved for use on walls.

WOODWORKS® Grille – Forté

Solid Wood Ceiling Panels with Notched Backers

STANDARD PANEL CONFIGURATIONS 12" width, 1-1/4" slat (Available in 4', 6', and 8' nominal lengths)

Indicates panel configuration that integrates with the USAI® Micro™ for WoodWorks® downlight. Refer to the last page of this data sheet for details.

	1-1/4" SLAT WIDTH		
	3 Slats Per Panel 69% Open Area	4 Slats Per Panel 58% Open Area	5 Slats Per Panel 48% Open Area
1-3/8" SLAT HEIGHT*	 Item 6323L _ S09 _ _ _◆	 Item 6324L _ S09 _ _ _◆	 Item 6325L _ S09 _ _ _◆
2-1/4" SLAT HEIGHT*	 Item 6323L _ S10 _ _ _◆	 Item 6324L _ S10 _ _ _◆	 Item 6325L _ S10 _ _ _◆
3-1/4" SLAT HEIGHT	 Item 6323L _ S11 _ _ _◆	 Item 6324L _ S11 _ _ _◆	
4-1/4" SLAT HEIGHT	 Item 6323L _ S12 _ _ _◆		
5-1/4" SLAT HEIGHT	 Item 6323L _ S13 _ _ _◆		

ITEM NUMBER KEY

632 3 L4 S09 GGM

Solid Poplar Wood	Slats per Panel: 3	Panel Length: 4'	Slat Width & Height Differentiator	Finish: Golden Maple

◆ When specifying or ordering please include the slat length (4, 6, or 8) and finish suffix (e.g., 6325L 8 S10 G W O – 5 slats, 1-1/4 × 96 × 2-1/4" in Warm Oak).

* Panel configurations with slats less than 2-1/4" in height are approved for use on walls.

TechLine 877 276-7876
armstrong.com/woodworksgrille

WOODWORKS® Grille – Forté

Solid Wood Ceiling Panels with Notched Backers

SUSTAIN® High Performance Sustainable Ceiling Systems

Declare.

LEED V5

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

VISUAL SELECTION

Armstrong® Integrated Lighting is available for select items. See lighting page for details.

PERFORMANCE

	Item No.◆	Custom Slat Sizes Available			Space Between Slats (Nominal)	% Open Area	LBS/ SF	Armstrong® Integrated Lighting See lighting page for details.	CleanAssure™ Disinfectable Panels: Fog	Spray	Wipe
WOODWORKS® Grille – Forté Ceiling Panels	6323L _ S03_ _ _	3/4" W	3-1/4" H	3 slats	3-1/4"	81% †	2.0		•	•	•
	6323L _ S04_ _ _	3/4" W	4-1/4" H	3 slats	3-1/4"	81%	2.5		•	•	•
	6324L _ S01_ _ _	3/4" W	1-3/8" H	4 slats	2-1/4"	75% †	1.2	•	•	•	•
	6324L _ S02_ _ _	3/4" W	2-1/4" H	4 slats	2-1/4"	75% †	1.8	•	•	•	•
	6324L _ S03_ _ _	3/4" W	3-1/4" H	4 slats	2-1/4"	75%	2.6	•	•	•	•
	6324L _ S04_ _ _	3/4" W	4-1/4" H	4 slats	2-1/4"	75%	3.3	•	•	•	•
	6325L _ S01_ _ _	3/4" W	1-3/8" H	5 slats	1-5/8"	69%	1.4	•	•	•	•
	6325L _ S02_ _ _	3/4" W	2-1/4" H	5 slats	1-5/8"	69%	2.1	•	•	•	•
	6326L _ S01_ _ _	3/4" W	1-3/8" H	6 slats	1-1/4"	63%	1.6	•	•	•	•
	6326L _ S02_ _ _	3/4" W	2-1/4" H	6 slats	1-1/4"	63%	2.5	•	•	•	•
	6328L _ S01_ _ _	3/4" W	1-3/8" H	8 slats	3/4"	50%	2.1	•	•	•	•
	6328L _ S02_ _ _	3/4" W	2-1/4" H	8 slats	3/4"	50%	1.8	•	•	•	•
	6323L _ S05_ _ _	1" W	1-3/8" H	3 slats	3"	75% †	1.2	•	•	•	•
	6323L _ S06_ _ _	1" W	2-1/4" H	3 slats	3"	75%†	1.8	•	•	•	•
	6323L _ S07_ _ _	1" W	3-1/4" H	3 slats	3"	75%	2.6		•	•	•
	6323L _ S08_ _ _	1" W	4-1/4" H	3 slats	3"	75%	3.3		•	•	•
	6324L _ S05_ _ _	1" W	1-3/8" H	4 slats	2"	67%	1.5	•	•	•	•
	6324L _ S06_ _ _	1" W	2-1/4" H	4 slats	2"	67%	2.3	•	•	•	•
	6324L _ S07_ _ _	1" W	3-1/4" H	4 slats	2"	67%	3.3	•	•	•	•
	6324L _ S08_ _ _	1" W	4-1/4" H	4 slats	2"	67%	4.2	•	•	•	•
	6325L _ S05_ _ _	1" W	1-3/8" H	5 slats	1-2/5"	58%	1.8	•	•	•	•
	6325L _ S06_ _ _	1" W	2-1/4" H	5 slats	1-2/5"	58%	2.8	•	•	•	•
	6326L _ S05_ _ _	1" W	1-3/8" H	6 slats	1"	50%	2.1	•	•	•	•
	6323L _ S09_ _ _	1-1/4" W	1-3/8" H	3 slats	2-3/4"	69%	1.4	•	•	•	•
	6323L _ S10_ _ _	1-1/4" W	2-1/4" H	3 slats	2-3/4"	69%	2.1	•	•	•	•
	6323L _ S11_ _ _	1-1/4" W	3-1/4" H	3 slats	2-3/4"	69%	3.1		•	•	•
	6323L _ S12_ _ _	1-1/4" W	4-1/4" H	3 slats	2-3/4"	69%	4.0		•	•	•
	6323L _ S13_ _ _	1-1/4" W	5-1/4" H	3 slats	2-3/4"	69%	4.9		•	•	•
	6324L _ S09_ _ _	1-1/4" W	1-3/8" H	4 slats	1-3/4"	58%	1.8	•	•	•	•
	6324L _ S10_ _ _	1-1/4" W	2-1/4" H	4 slats	1-3/4"	58%	2.8	•	•	•	•
	6324L _ S11_ _ _	1-1/4" W	3-1/4" H	4 slats	1-3/4"	58%	4.1	•	•	•	•
	6325L _ S09_ _ _	1-1/4" W	1-3/8" H	5 slats	1-1/8"	48%	2.2	•	•	•	•
	6325L _ S10_ _ _	1-1/4" W	2-1/4" H	5 slats	1-1/8"	48%	3.4	•	•	•	•

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Infill Panel Item No.	NRC	+ CAC =	Total Acoustics[1] NRC + CAC
2820BK	0.85 •	35 •	BEST
1713BL	0.70 •	35 •	BETTER
1318	0.75 •	30	N/A
5823 or 6657	0.75 •	N/A	N/A

[1] Total Acoustics® ceiling panels have an ideal combination of sound absorption and sound blocking in one product.
GOOD (NRC 0.60-0.65; CAC 35+)
BETTER (NRC 0.70-0.75; CAC 35+)
BEST (NRC 0.80+; CAC 35+)

632 3 L4 S03 GGM

- 632: Solid Poplar Wood
- 3: Slats per Panel: 3
- L4: Panel Length: 4'
- S03: Slat Width & Height Differentiator
- GGM: Finish: Golden Maple

◆ When specifying or ordering please include the slat length (4, 6, or 8) and finish suffix (e.g. 6323L 4 S03 G G M – 3 slats, 3/4 × 48 × 3-1/4" in Golden Maple).
† 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.
NOTE: All panel configurations are 12" wide. Panel backers are black; custom backer colors available. For additional species/finish and size options, or curved application options with flexible backers (special order), contact ASQuote@armstrong.com

WOODWORKS® Grille – Forté

Solid Wood Ceiling Panels with Notched Backers

SUSTAIN® High Performance Sustainable Ceiling Systems

Declare.

LEED V5

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

NRC + CAC

DEF

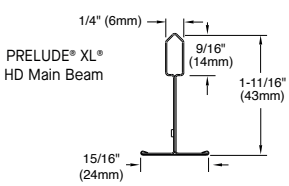
WOODWORKS® – Standard

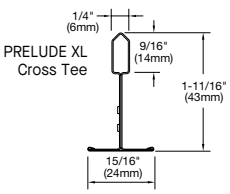
ACCESSORIES

	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
	7800BL	Angle Wall Molding	7/8 × 144 × 7/8"	Black	30
Accessories	**7100**	Heavy-duty Wall Anchor	1-1/4 × 3 × 1"	N/A	50
	7104	Torsion Spring Saddle	N/A	Mill Finish	25
	7105	Torsion Spring Bracket	N/A	Mill Finish	25
	7106	Heavy-duty Torsion Spring	N/A	Mill Finish	25
	5687	Backer Clip	3/8 × 11/16 × 7/8"	Black	250
	BERC2	Beam End Retaining Clip	N/A	Mill Finish	200
	7290GBL	Flat Backer Kit	7/8 × 12 × 1/2"	Black	18
	5457GAL1 _ _ _	WoodWorks® Grille End-Stain (Gallon)	N/A	All Finishes	1 Gallon
	5457QT1 _ _ _	WoodWorks Grille End-Stain (Quart)	N/A	All Finishes	1 Quart
Acoustical Infill Panels	**2820BK**	Calla® Square Lay-in Panel	24 × 24 × 7/8"	Black	10
	1713BL	School Zone® Fine Fissured™ Square Lay-in Panel	24 × 24 × 3/4"	Black	12
	1318	Backstage Noir® Square Lay-in Panel	24 × 24 × 3/4"	Black	12
	5823	BioAcoustic™ Infill Panel	24 × 24 × 5/8"	Black Matte	12
	6657	BioAcoustic Infill Panel	11 × 48 × 5/8"	Black Matte	12
Perimeter Trim	**7146H4L96_ _ _**	4" Solid Wood Trim with 4 Clips	3/4 × 96 × 4"	All Solid Forté Finishes	N/A
	7146H6L96_ _ _	6" Solid Wood Trim with 4 Clips	3/4 × 96 × 6"	All Solid Forté Finishes	N/A
	5925	Replacement Trim Clips	N/A	Mill Finish	25
	7239	Adjustable Trim Clip	N/A	Mill Finish	N/A
	AX_VESTR_ _ _	Axiom® Vector Straight Trim – Recommend in Black 6" and up	N/A	Silver Grey, Black, Gun Metal	10 LF
	AX_VECUR_ _ _	Axiom Vector Curved Trim – Recommend in Black 6" and up	N/A	Silver Grey, Black, Gun Metal	10 LF

◆ When specifying or ordering please include the 3-letter color suffix that coordinates with your WoodWorks ceiling: (e.g., 5457GAL1 G B G).

SUSPENSION SYSTEMS (Heavy-duty)





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Armstrong® World Industries

WOODWORKS® Grille – Forté

Solid Wood Ceiling Panels with Notched Backers

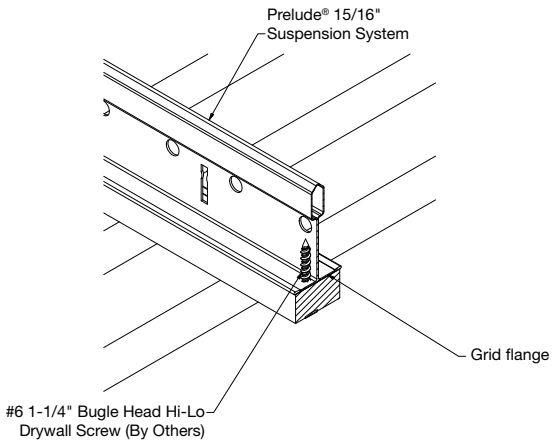
SUSTAIN® High Performance Sustainable Ceiling Systems

Declare.

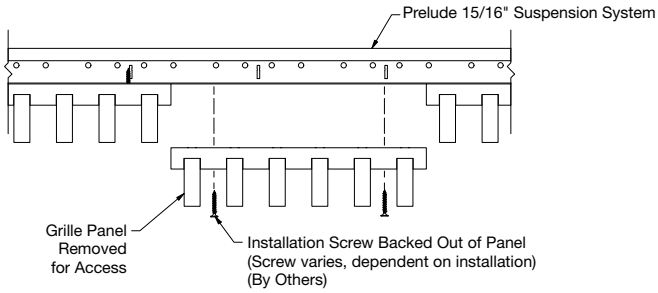
LEED V5

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

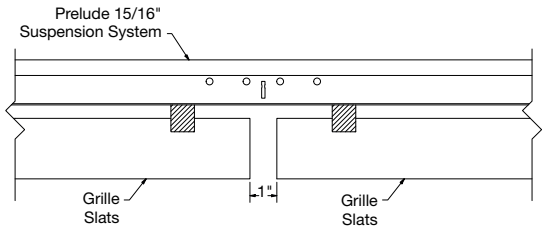
SYSTEM INSTALLATION DETAILS



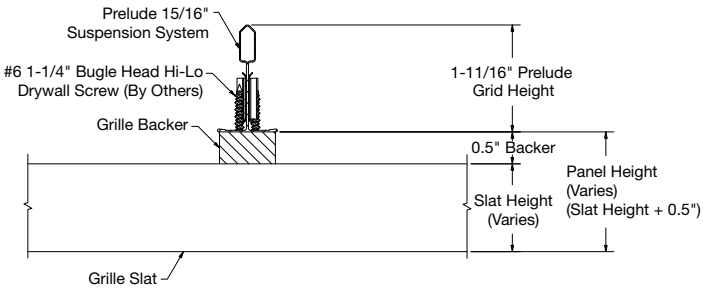
1 Screw to Grid



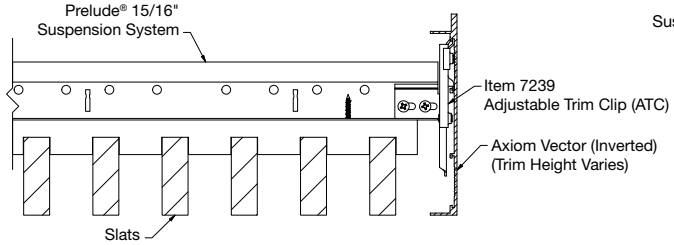
2 Screw Access



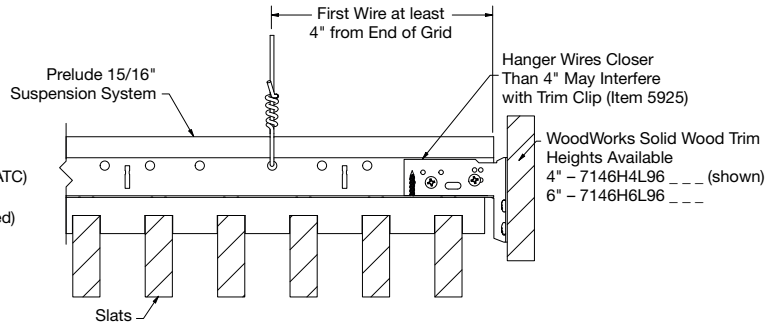
3 End Slat Spacing Between Panels



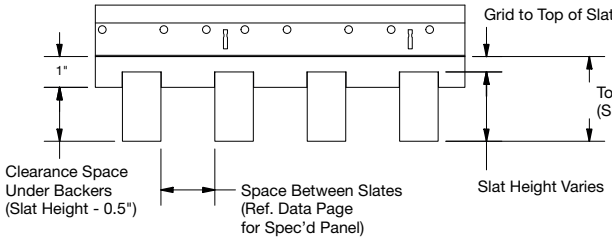
4 Grille to Main Beam



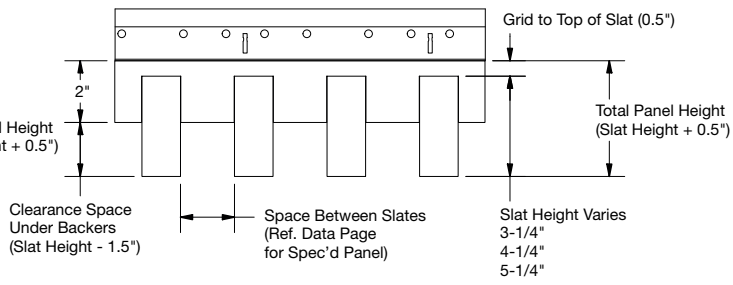
5 Axiom® Trim to Main Beam



6 Perimeter with Solid Wood Trim



7 Typical Integration Detail for 1-3/8" & 2-1/4" Slats



8 Typical Integration Detail for 3-1/4", 4-1/4", & 5-1/4"

WOODWORKS® Grille – Forté

Solid Wood Ceiling Panels with Notched Backers

SUSTAIN®
High Performance
Sustainable Ceiling Systems

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	✓



WoodWorks Grille – Forté 3/4" W with varying slat depths, 4 slats in 8' length in Classic Grey (GCG) finish

PHYSICAL DATA

Material
Solid wood (poplar)

Surface Finish
Clear or tinted semi-gloss coating on all finishes except White (GWH), which has a lacquer finish.

Fire Performance
Class C: ASTM E84 surface burning characteristics. Flame Spread Index 200 or less. Smoke Developed Index 450 or less.

Fire performance will vary between wood species.

Flame stop coating is available as a custom option. Contact ASQuote@armstrong.com for details.

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.

Design Considerations
Variation within panel and from panel to panel may occur due to the natural characteristics of the wood and grain.

When installed, there will be a 1" reveal between panel ends. Consider this when designing and laying out the ceiling and where this reveal will fall within the ceiling plane.

Unobstructed construction has horizontal structural members that are not solid, 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, or all construction types, with the exception of panel construction, where the spacing of structural members exceeds 7-1/2' (2.3 m) on center.

Slat heights greater than 3" have deeper notched alignment backers that may be visible when transitioning to a panel with slats that are less than 3" in height.

Custom options include different dimensions, species, and finishes.

Acoustic Considerations
The 24" × 24" acoustical infill panels install above the grid and will require the installer to impale the panel onto the grille attachment screw. Item 6657 – 11" × 48" can go directly on top of the grille between the backers.

Infill Panel Use
Black infill panels will provide acoustic benefits and minimize the appearance of the matte black panel backers.

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.

Ordering Considerations
For projects with phased delivery, please coordinate orders. Each separate order is likely to be pulled from different lumber, and therefore will differ in terms of finish range from previous orders.

Be sure to account for extra material that is normally needed for wood installations. When installing WoodWorks Grille – Forté panels, you should consider ordering at least 5% extra material. Up to 10% more may be needed for odd size or unique installations.

Seismic Restraint
WoodWorks® Grille panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong installation instructions.

Design & Pre-Construction Service
For complimentary design and pre-construction assistance, contact ProjectWorks® or visit armstrong.com/projectworks

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

Warranty
Details at armstrong.com/warranty

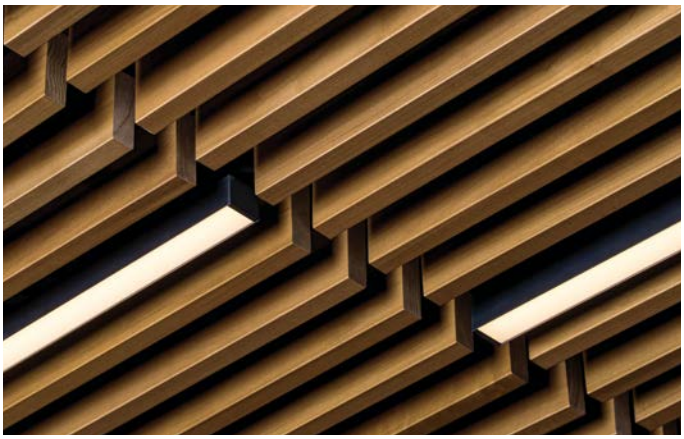
Weight
Refer to Visual Selection chart.

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WOODWORKS® Grille – Forté

Quoted Solid Ceiling Panels for Armstrong Integrated Lighting



WoodWorks® Grille – Forté solid panels in Natural Walnut with Armstrong Integrated Lighting 1-1/2" linear light fixture

Introducing Armstrong Integrated Lighting, the easiest way to specify stunning wood ceilings and lighting as one coordinated system. Developed in collaboration with LightArt®, this system combines grille ceiling panels and linear light fixtures for seamless installation and beautifully lit, high-performance spaces.

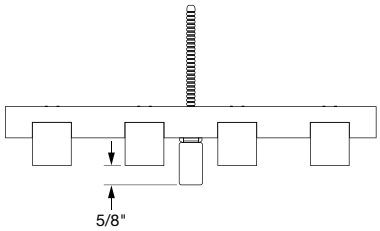
- Integrated lighting panels include factory-attached brackets for seamless, snap-in light integration
- Linear lights can replace a grille slat or sit between slats
- Compatible with 3/4", 1-1/2", and 3-3/4" Armstrong Integrated Lighting fixtures
- 5-year lighting warranty when used as a complete system with WoodWorks® Grille – Forté ceiling panels
- Contact ASQuote@armstrong.com for pricing
- Contact ProjectWorks® for layout support and help with integration details

VISUAL SELECTION

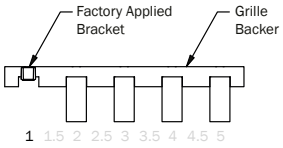
	Item No. ◆	# of Slats	Slat Width	Slat Height	O.C. Slat Spacing	Light Positions & Compatible Light Fixture Widths Refer to light position detail below. Light fixture widths are in inches. 1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
WOODWORKS® Grille – Forté Solid Ceiling Panels	**6324L_S01 _ _ _**	4	3/4"	1-3/8"	3"	3/4* 1-1/2* 3-3/4	3/4* 1-1/2*	3/4* 1-1/2* 3-3/4	3/4* 1-1/2*	3/4* 1-1/2* 3-3/4	3/4* 1-1/2*	3/4* 1-1/2* 3-3/4								
	6324L_S02 _ _ _	4	3/4"	2-1/4"	3"	3/4 1-1/2 3-3/4	3/4* 1-1/2	3/4 1-1/2 3-3/4	3/4* 1-1/2	3/4 1-1/2 3-3/4	3/4* 1-1/2	3/4 1-1/2 3-3/4								
	6324L_S03 _ _ _	4	3/4"	3-1/4"	3"	3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4								
	6324L_S04 _ _ _	4	3/4"	4-1/4"	3"	3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4								
	6325L_S01 _ _ _	5	3/4"	1-3/8"	2-2/5"	3/4* 1-1/2*	3/4*	3/4* 1-1/2*	3/4*	3/4* 1-1/2*	3/4*	3/4* 1-1/2*	3/4*	3/4* 1-1/2*						
	6325L_S02 _ _ _	5	3/4"	2-1/4"	2-2/5"	3/4 1-1/2	3/4	3/4 1-1/2	3/4	3/4 1-1/2	3/4	3/4 1-1/2	3/4	3/4 1-1/2						
	6326L_S01 _ _ _	6	3/4"	1-3/8"	2"	3/4* 1-1/2*	3/4*	3/4* 1-1/2*	3/4*	3/4* 1-1/2*	3/4*	3/4* 1-1/2*	3/4*	3/4* 1-1/2*	3/4*	3/4* 1-1/2*				
	6326L_S02 _ _ _	6	3/4"	2-1/4"	2"	3/4 1-1/2	3/4	3/4 1-1/2	3/4	3/4 1-1/2	3/4	3/4 1-1/2	3/4	3/4 1-1/2	3/4	3/4 1-1/2				
	6328L_S01 _ _ _	8	3/4"	1-3/8"	1-1/2"	3/4* 1-1/2*		3/4* 1-1/2*		3/4* 1-1/2*		3/4* 1-1/2*		3/4* 1-1/2*		3/4* 1-1/2*		3/4* 1-1/2*		3/4* 1-1/2*
	6328L_S02 _ _ _	8	3/4"	2-1/4"	1-1/2"	3/4 1-1/2		3/4 1-1/2		3/4 1-1/2		3/4 1-1/2		3/4 1-1/2		3/4 1-1/2		3/4 1-1/2		3/4 1-1/2
	6323L_S05 _ _ _	3	1"	1-3/8"	4"		3/4* 1-1/2*			3/4* 1-1/2*										
	6323L_S06 _ _ _	3	1"	2-1/4"	4"		3/4 1-1/2			3/4 1-1/2										

Items continued on the next page.

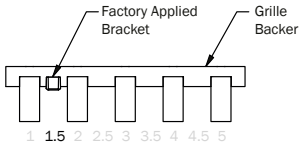
◆ When specifying or ordering please include the slat length, panel item number, finish suffix, and light placement. (e.g. 6324L 8 S10 G W O Light Placement 1.5).
* Lights will sit proud by 5/8". Refer to drawing below.



Light Sitting Proud on Select Panels with 1-3/8" Slat Height
Refer to chart & notes above.



Light Position 1 (Replace Slat 1)



Light Position 1.5 (Between Slats 1-2)

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Integrated Lighting

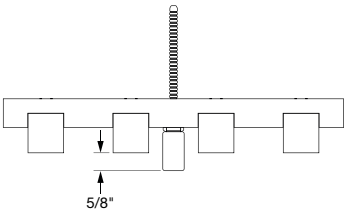
WOODWORKS® Grille – Forté

Quoted Solid Ceiling Panels for Armstrong Integrated Lighting

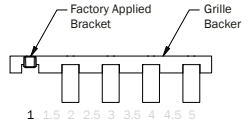
VISUAL SELECTION — CONTINUED

	Item No. ◆	#of Slats	Slat Width	Slat Height	O.C. Slat Spacing	Light Positions & Compatible Light Fixture Widths Refer to light position detail below. Light fixture widths are in inches. 1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
WOODWORKS® Grille – Forté Solid Integrated Lighting Ceiling Panels	**6324L_S05 _ _ _**	4	1"	1-3/8"	3"	3/4** 1-1/2* 3-3/4	3/4* 1-1/2*	3/4** 1-1/2* 3-3/4	3/4* 1-1/2*	3/4** 1-1/2* 3-3/4	3/4* 1-1/2*	3/4** 1-1/2* 3-3/4								
	6324L_S06 _ _ _	4	1"	2-1/4"	3"	3/4 1-1/2 3-3/4	3/4 1-1/2	3/4 1-1/2 3-3/4	3/4 1-1/2	3/4 1-1/2 3-3/4	3/4 1-1/2	3/4 1-1/2 3-3/4								
	6324L_S07 _ _ _	4	1"	3-1/4"	3"	3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4								
	6324L_S08 _ _ _	4	1"	4-1/4"	3"	3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4								
	6325L_S05 _ _ _	5	1"	1-3/8"	2-2/5"	3/4** 1-1/2*	3/4*	3/4** 1-1/2*	3/4*	3/4** 1-1/2*	3/4*	3/4** 1-1/2*	3/4*	3/4** 1-1/2*						
	6325L_S06 _ _ _	5	1"	2-1/4"	2-2/5"	3/4 1-1/2	3/4	3/4 1-1/2	3/4	3/4 1-1/2	3/4	3/4 1-1/2	3/4	3/4 1-1/2						
	6326L_S05 _ _ _	6	1"	1-3/8"	2"	3/4** 1-1/2*		3/4** 1-1/2*		3/4** 1-1/2*		3/4** 1-1/2*		3/4** 1-1/2*		3/4** 1-1/2*				
	6323L_S09 _ _ _	3	1-1/4"	1-3/8"	4"		3/4* 1-1/2*		3/4* 1-1/2*											
	6323L_S10 _ _ _	3	1-1/4"	2-1/4"	4"		3/4 1-1/2		3/4 1-1/2											
	6324L_S09 _ _ _	4	1-1/4"	1-3/8"	3"	3/4** 1-1/2* 3-3/4	3/4*	3/4** 1-1/2* 3-3/4	3/4*	3/4** 1-1/2* 3-3/4	3/4*	3/4** 1-1/2* 3-3/4								
	6324L_S10 _ _ _	4	1-1/4"	2-1/4"	3"	3/4 1-1/2 3-3/4	3/4	3/4 1-1/2 3-3/4	3/4	3/4 1-1/2 3-3/4	3/4	3/4 1-1/2 3-3/4								
	6324L_S11 _ _ _	4	1-1/4"	3-1/4"	3"	3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4								
	6325L_S09 _ _ _	5	1-1/4"	1-3/8"	2"	3/4** 1-1/2* 3-3/4		3/4** 1-1/2* 3-3/4		3/4** 1-1/2* 3-3/4		3/4** 1-1/2* 3-3/4								
	6325L_S10 _ _ _	5	1-1/4"	2-1/4"	2"	3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4		3/4 1-1/2 3-3/4								

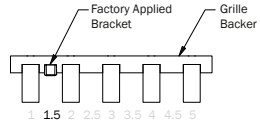
◆ When specifying or ordering please include the slat length, panel item number, finish suffix, and light placement. (e.g. 6324L8S10GWO Light Placement 1.5).
* Lights will sit proud by 5/8". Refer to drawing below.
** Lights will sit proud by 1/8". Refer to drawing below.



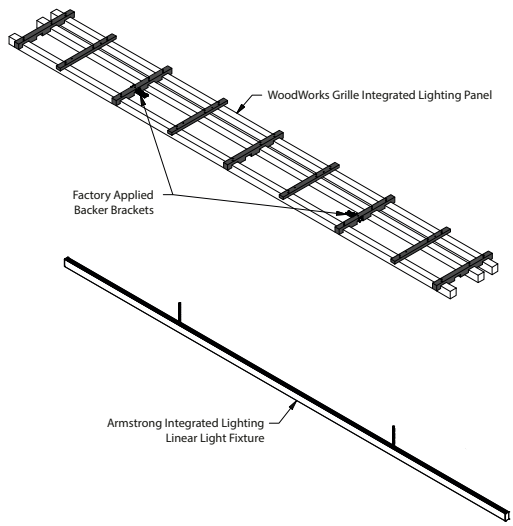
Light Sitting Proud on Select Panels with 1-3/8" Slat Height. Refer to chart & notes above.

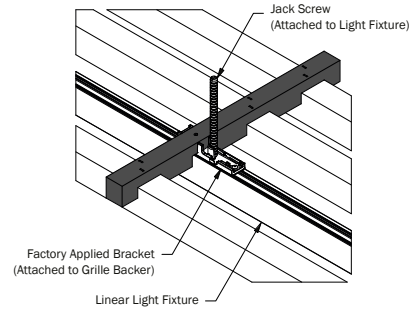


Light Position 1 (Replace Slat 1)



Light Position 1.5 (Between Slats 1-2)





Integrated Lighting

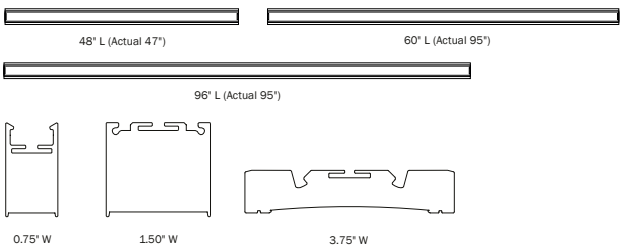
LIGHTING SOLUTIONS

Armstrong Integrated Lighting

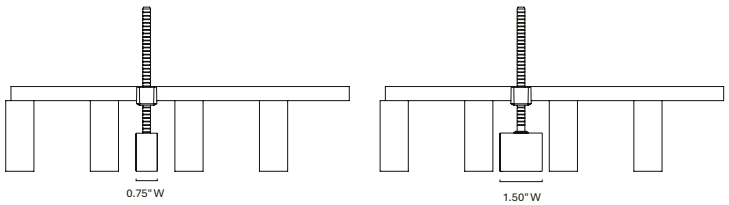
Linear Light fixtures for WoodWorks® Grille

LIGHTING DIMENSIONS

Lengths & Widths



LIGHT PLACEMENT — BETWEEN SLATS



SPECIFICATIONS

Lighting
Solid state LED system 120v–277v input 2700k, 3000k, 3500k, 4000k options, 90 CRI light source options

Dimming
Dimming 0–10v

Mounting
WoodWorks® panels include factory-attached brackets for seamless, snap-in light integration.

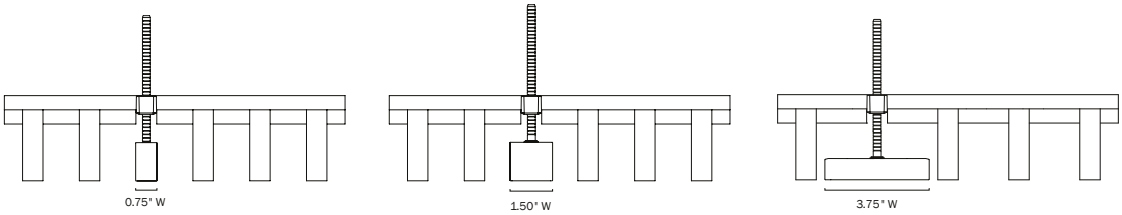
Certification
CSA approved to UL® Standards, Declare® label certified, Living Building Challenge® compliant, Damp rated

Cleaning & Care
Designed to withstand the demands of rigorous cleaning requirements. Effective cleaning and disinfection of environmental surfaces reduces microbe transmission. Superior chemical resistance and durability promotes safety in any design application. Use common disinfectants and cleaners or reduce microbe transmission.

Warranty
5-year warranty when used as a complete system with WoodWorks® Grille Forté - solid ceiling panels.

- Available as standard in 4', 6', and 8' lengths in black finish
- Extended length options with rolled lens for continuous runs
- Division 26 specs must refer to grille panel as suspension for the light
- For more lighting information or specification help, contact your local LightArt Lighting agent

LIGHT PLACEMENT — SLAT REPLACEMENT



PERFORMANCE

Based on 3500K / 90CRI / Standard Distribution

Nominal Lumen Output (LM/FT)	Input Power (W/FT)	Efficacy (LM/W)
350	3.45	116
450	4.45	116
550	5.45	116
650	6.44	111
750	7.40	111
850	8.45	111
950	9.46	111
1050	10.25	108

LIGHT DISTRIBUTION

Based on measurement data

Color Temperature/CRI	Multiplier
2700K / 90	0.93
3000K / 90	0.97
3500K / 90	1.00
4000K / 90	1.03

OUTPUT MULTIPLIERS INSTRUCTIONS

Adjusted Value = $L_l \bar{y}\ C_m \bar{y}\ O_m$ where:

L_l = (Lumen output at 3500K / 90 CRI)$\bar{y}$

C_m = (Color Temp. / CRI Multiplier)$\bar{y}$

O_m = (Optic Multiplier)

Example:

850LM / 3000K / 80CRI / 2 sq Batwing Optic

(850)$\bar{y}$ (1.02)$\bar{y}$ (0.91) = 789LM

WOODWORKS® – Quoted

Integrated Lighting

Armstrong Integrated Lighting

Linear Light fixtures for WoodWorks® Grille

SKU SPECIFICATION

SPECIFICATION CODE EXAMPLE: 2 QTY AIL-WOOD-GRILLE-FVNR-REPL-1.50-95L-935CK-700LM-EBM-STD

QTY. AIL-WOOD-GRILLE- [1] – [2] – [3] – [4] – [5] – [6] – [7] – [8]

Complete form to order WOODWORKS Grille. For each number, make one selection and enter in the corresponding box above.
**Indicates modified choices; additional lead times and/or costs may apply.*

1 CEILING STYLE

☐ FVNR	FORTÉ VENEERED CEILING PANELS
☐ FSLD	FORTÉ SOLID CEILING PANELS
☐ CLAS	CLASSICS CEILING PANELS

2 LIGHT PLACEMENT

☐ REPL	REPLACE SLAT
☐ BTW	BETWEEN SLATS

3 PROFILE

☐ 0.75	0.75"
☐ 1.50	1.50"
☐ 3.75	3.75"

4 LENGTH *(Lighting lengths correspond to the length of WOODWORKS Grille)*

☐ 47L	47" LENGTH
☐ 71L	71" LENGTH
☐ 95L	95" LENGTH
☐ CRL	CUSTOM RUN LENGTH *10' and longer in 2' increments. Max Length 200'.*

_____

5 LED CRI / CCT

☐ 927CK	90 CRI / 2700K
☐ 930CK	90 CRI / 3000K
☐ 935CK	90 CRI / 3500K
☐ 940CK	90 CRI / 4000K

6 OUTPUT

☐ 400LM	400 LM/FT	☐ 800LM	800 LM/FT
☐ 500LM	500 LM/FT	☐ 900LM	900 LM/FT
☐ 600LM	600 LM/FT	☐ 1000LM	1000 LM/FT
☐ 700LM	700 LM/FT *Max lumen output for 0.75"*	☐ 1100LM	1100 LM/FT

7 DIMMING AND CONTROLS

☐ P01	0–10V 1% DIMMING
☐ LEC*	HI-LUME 1% ECOSYSTEM LED DRIVER SOFT ON, FADE TO BLACK (LDE1 SERIES)
☐ EBM	0–10V 1% DIMMING INTEGRATED EM BATTERY OPTION *Max lumen output limited – consult LightArt*

8 REMOTE DRIVER BOX CORD LENGTH

☐ STD	8'
☐ EXT*	20'

WOODWORKS® – Quoted

Integrated Lighting

WOODWORKS® Grille – Forté

Downlighting



WoodWorks Grille – Forté panels with USAI Micro for WoodWorks – Vertical Slats light fixture

Seamlessly integrate downlight fixtures from USAI® Lighting with standard WoodWorks® Grille – Forté panels. Attach lights directly from the suspension system, eliminating the need for independent support of the fixture or modification of the suspension system.

KEY SELECTION ATTRIBUTES

- Engineered and tested to seamlessly integrate lighting fixtures with grid
- USAI Lighting fixtures provide different downlighting styles for design flexibility
- Approved for use in all seismic categories

DESIGN CONSIDERATIONS

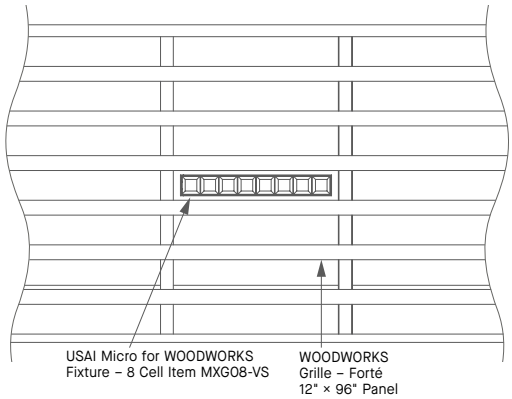
- Lights are designed to sit flush with the face of the WoodWorks panels
- Coordination between ceiling contractor and electrician is required for installation

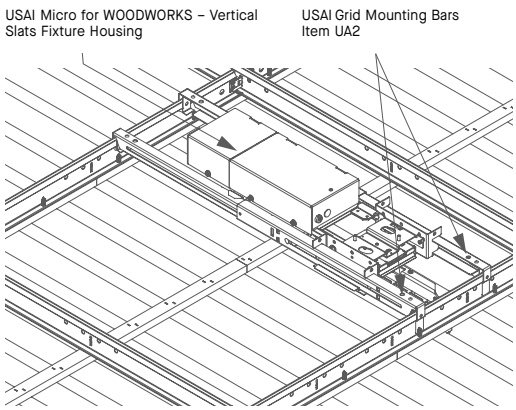
VISUAL SELECTION

WOODWORKS Panel Item No.	Slat Width	Slat Height	Open Area Between Slats	Slats Per Panel	Coordinating USAI Fixture Family	Coordinating USAI Fixture Part Numbers	USAI Grid Mounting Bar Item No.	USAI Trim Yoke and Centering Spacer Item No.
6324L _ S06	1"	2-1/4"	2"	4	Micro™ for WoodWorks – Vertical Slats (8 cell max)	MXGXX-VS	UA2	MXGVS-GL94
6324L _ S07	1"	3-1/4"	2"	4	Micro for WoodWorks – Vertical Slats (8 cell max)	MXGXX-VS	UA2	MXGVS-GL95
6324L _ S08	1"	4-1/4"	2"	4	Micro for WoodWorks – Vertical Slats (8 cell max)	MXGXX-VS	UA2	MXGVS-GL96
6324L _ S11	1-1/4"	3-1/4"	1-3/4"	4	Micro for WoodWorks – Vertical Slats (8 cell max)	MXGXX-VS	UA2	MXGVS-GL91
6323L _ S11	1-1/4"	3-1/4"	2-3/4"	3	Micro for WoodWorks – Vertical Slats (8 cell max)	MXGXX-VS	UA2	MXGVS-GL97
6323L _ S12	1-1/4"	4-1/4"	2-3/4"	3	Micro for WoodWorks – Vertical Slats (8 cell max)	MXGXX-VS	UA2	MXGVS-GL98
6323L _ S13	1-1/4"	5-1/4"	2-3/4"	3	Micro for WoodWorks – Vertical Slats (8 cell max)	MXGXX-VS	UA2	MXGVS-GL99

NOTE: Refer to lighting partner cut sheets for light location considerations
No panel field modification is required for USAI Micro light integration with WoodWorks Grille – Forté panels.

INSTALLATION DETAILS





LIGHTING FIXTURES

Compatible with USAI Micro for WoodWorks – Vertical Slats lighting fixtures.

USAI® Lighting

For detailed lighting information, contact your local USAI Lighting representative.

WOODWORKS® – Standard

TechLine / 877 276-7876
armstrong.com/downlighting
BPCS-6740-626

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