

# WOODWORKS® Concealed

## Concealed Suspension



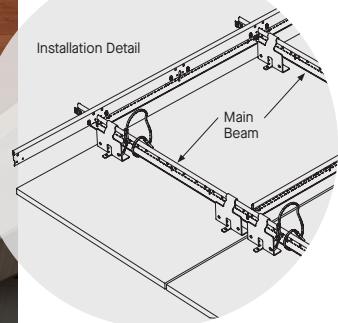
**FAST134**

Select Items Ship Fast

[armstrongceilings.com/fast134](http://armstrongceilings.com/fast134)



CAD/Revit® drawings at:  
[armstrongceilings.com/cadrevit](http://armstrongceilings.com/cadrevit)



WoodWorks® Concealed 24" x 96" panels with W2 perforation in Plain Slice Cherry

This easy-to-install ceiling with a concealed suspension offers a continuous, monolithic visual.

### KEY SELECTION ATTRIBUTES



- Standard veneers feature various species and cuts for beautiful wood visuals
- ASTM E84 Class A Fire Performance
- The natural warmth of wood can contribute to biophilic designs and building certification standards like the WELL™ v2 "Nature and Place" feature

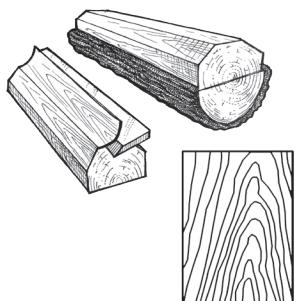
- Acoustical fleece for increased sound absorption
- Select products included in the FAST134 program – ready to ship in 4 weeks or less
- Hook-on panels (for standard 15/16" suspension system) provide safe and secure downward accessibility

- Shorter lead times and lower cost than custom millwork
- Factory edgebanded for superior quality
- Complete standard system from one manufacturer including panels, suspension system, clips, and trim

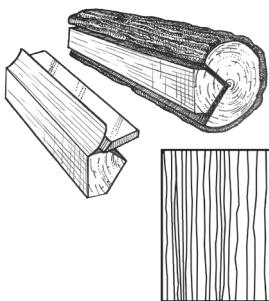
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- FSC® certified wood available as a premium quoted option
- USDA Biobased content: 100%

### VENEER CUTS

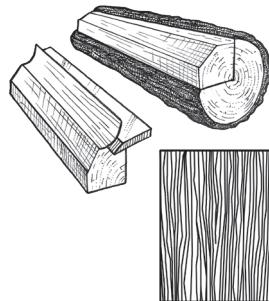
Different cuts of a log will yield different graining visuals. Choose your veneer to achieve your desired look.



Plain Sliced  
Produces the well known cathedral or loop-grain effect.



Quarter Sliced  
Produces a striped, often straight-grain effect.



Rift Sliced  
Produces a tight, linear grain along the entire length of the veneer.

TechLine 877 276-7876

[armstrongceilings.com/woodworksconcealed](http://armstrongceilings.com/woodworksconcealed)

**Armstrong®**  
World Industries

# WOODWORKS® Concealed Concealed Suspension

USDA  
CERTIFIED  
BIOBASED  
PRODUCT  
PRODUCT 100%

LEED®  
WELL™  
LBC

80% RECYCLED  
CONTENT

For LEED contribution contact TechLine



## FINISH RANGES

The carefully curated species and veneer cuts offer a beautiful natural variation. The images here reflect the visual range that is likely within our product. Darkest to lightest tones may occur within an installation due to the character of wood.



Plain Slice White Maple (NWM)



Plain Slice White Ash (NWA)



Vertical Grain Fir (NVF)



Rift White Oak (NRO)



Plain Slice White Oak (NOK)



Plain Slice Cherry (NPC)



Quartered Mahogany (NQM)



Quartered Sapele (NQS)



Quartered Walnut (NQW)



Plain Slice Walnut (NWN)

## CUSTOM FINISHES



Custom Wood Species and Finishes Available

## LEGACY VENEERS

Natural Variations™  
Plain Slice



Maple (NMP)



Light Cherry (NLC)

Constants™  
Vertical Grain



Walnut (CWA)



Redux Wood Wheat (CRW)

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



WOODWORKS® – Standard

# WOODWORKS® Concealed

## Concealed Suspension



80% RECYCLED CONTENT

For LEED contribution contact TechLine

### VISUAL SELECTION

Edge Profile	Item No.♦	Dimensions Nominal W x L x H (Inches)	Perforations
WOODWORKS® Concealed 1/4" Reveal	5983F01	24 x 48 x 3/4"	W1, W2, W3, W4, W5, W6
	5984F01	24 x 72 x 3/4"	W1, W2, W3, W4, W5, W6
	5985F01	24 x 96 x 3/4"	W1, W2, W3, W4, W5, W6
FSC® certified WOODWORKS® Concealed 1/4" Reveal	5983F02	24 x 48 x 3/4"	W1, W2, W3, W4, W5, W6
	5984F02	24 x 72 x 3/4"	W1, W2, W3, W4, W5, W6
	5985F02	24 x 96 x 3/4"	W1, W2, W3, W4, W5, W6



FAST134 program items ready to ship from manufacturer in 4 weeks or less.  
Up-to-date lead times and product options (sizes and colors) at [armstrongceilings.com/fast134](http://armstrongceilings.com/fast134)



♦ When specifying or ordering, include the appropriate 2-digit perforation and 3-letter color suffixes.  
For veneers, sizes, and perforation patterns available as special order, call TechLine at 1 877 276-7876.

### PERFORMANCE

Dots represent high level of performance.

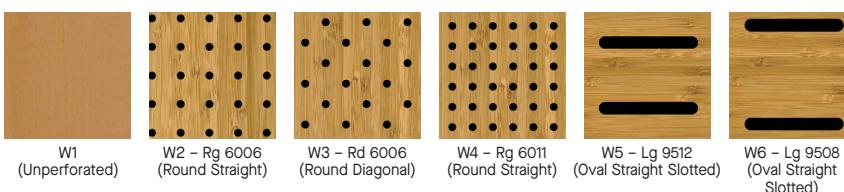
### ACOUSTICAL INFORMATION

CleanAssure™ Disinfectable Panels			Perforation	Infill Panel Item No.	Description	NRC
Fire Rating	Fog	Spray	Wipe			
Class A	*	*	*			
W1	Unperforated					N/A
W2	Round Straight	8200T10 1713BL	Fiberglass School Zone® Fine Fissured™	0.45 0.55		
		2820BK 5823 5479 1318	Calla® BioAcoustic™ BioAcoustic Backstage Noir®	0.55 0.40 0.40 0.55		
W3	Round Diagonal	8200T10 1713BL	Fiberglass School Zone Fine Fissured	0.45 0.55		
		2820BK 5823 5479 1318	Calla BioAcoustic BioAcoustic Backstage Noir	0.55 0.40 0.40 0.55		
W4	Round Straight	8200T10 1713BL	Fiberglass School Zone Fine Fissured	0.60 0.60		
		2820BK 5823 5479 1318	Calla BioAcoustic BioAcoustic Backstage Noir	0.65 0.65 0.65 0.60		
W5	Oval Straight Slotted	8200T10 1713BL	Fiberglass School Zone Fine Fissured	0.50 0.50		
		2820BK 5823 5479 1318	Calla BioAcoustic BioAcoustic Backstage Noir	0.55 0.45 0.45 0.55		
W6	Oval Straight Slotted	8200T10 1713BL	Fiberglass School Zone Fine Fissured	0.40 0.35		
		2820BK 5823 5479 1318	Calla BioAcoustic BioAcoustic Backstage Noir	0.35 0.45 0.45 0.35		

EXAMPLE: **5983 F02 W2 NWM**

Panel Dimension/Type: 2' x 4'  
Substrate: FSC-certified  
Perforation: W2 Round Straight Rg 6006  
Finish: Plain Slice White Maple

### PERFORATION OPTIONS (Actual 1:6 scale shown)



Custom  
Perforations  
Available

NOTE: Slotted perforations run parallel to the length of the panel and borders vary with panel size.

# WOODWORKS® Concealed Concealed Suspension



When ordering suspension system materials, please note that this product requires Prelude® Heavy-duty (HD) main beams and 2' cross tees that are full height (1-11/16"). Both suspension system components should be specified in Black (BL). 15/16" Prelude® BL HD (Black)

## ACCESSORIES

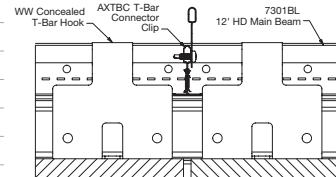
	Item No.◆	Description	Dimensions Nominal W x L x H (Inches)	Color	PCS/ CTN
Suspension Systems	7301	Prelude® XL® 12' HD Main Beam	15/16" x 144 x 1-11/16"	Black	20
	XL8320BL	Prelude XL 2' Cross Tee	15/16" x 144 x 1-11/16"	Black	60
	7800BL	Angle Wall Molding	7/8" x 144 x 7/8"		30
	SH12	Support Hanger	144" x 2"		12
Accessories	6091	Safety Cable	N/A	N/A	50
	6408_ _ _	3/4" Edge Banding	3/4" x 300"	All Veneers	1
	5986	T-Bar Hook†	4 x 2 x 3"		50
	7123PKG300	Wood Screws	5/8"		300/PKF
Infill Panels	1713BL	Fine Fissured™ Lay-in Panel	24 x 24 x 3/4"	Black	14
	2820BK	Calla® Lay-in Panel	24 x 24 x 1"	Black	10
	5479	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Beige Matte	12
	1318	Backstage Noir® Square Lay-in Panel	24 x 24 x 3/4"	Black	12
	5823	BioAcoustic Infill Panel	24 x 24 x 5/8"	Black Matte	12
Perimeter Trim	8200T10	Fiberglass Infill Panel	24 x 24 x 1"	Black Gloss	12
	6481F01W1H6_ _ _	6" Veneered Trim with 4 Clips - Item 5925 (With Faux Wood Edgebanding on long edges)	6 x 96 x 3/4"	All Veneers	4
	6481F01W1H8_ _ _	8" Veneered Trim with 4 Clips - Item 5925 (With Faux Wood Edgebanding on Long Edges)	8 x 96 x 3/4"	All Veneers	4
	AX_VESTR_ _ _	Axiom® Vector Straight Trim - Recommend in Black 6" and up	N/A	Silver Grey, Black, Gun Metal	10 LF
FSC® Certified Premium Trim*	AX_VECUR_ _ _	Axiom Vector Curved Trim - Recommend in Black 6" and up	N/A	Silver Grey, Black, Gun Metal	10 LF
	6603W1BL	WoodWorks® Concealed Trim	6 x 120 x 6"	Black	6
	7239	Adjustable Trim Clip	N/A	Mill Finish	50
	6481F02W1H6_ _ _	6" FSC Veneered Trim with 4 Clips - Item 5925 (With Faux Wood Edgebanding on long edges)	6 x 96 x 3/4"	All Veneers	4
	6481F02W1H8_ _ _	8" FSC Veneered Trim with 4 Clips - Item 5925 (With Faux Wood Edgebanding on Long Edges)	8 x 96 x 3/4"	All Veneers	4

◆ When specifying or ordering, include the appropriate 3-letter color suffix that coordinates with your WoodWorks ceiling (e.g. 6408 N W M).

\* FSC-certified wood is a premium option available through ASQuote.

† For 24" x 48" panel, install 4 hooks; for 24" x 72" panel, install 6 hooks; for 24" x 96" panel, install 8 hooks.

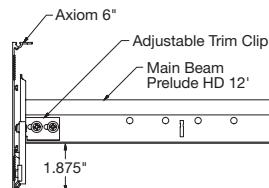
NOTE: Three screws per hook. Refer to armstrongceilings.com/installation for a better understanding of suspension systems requirements.



Installation Detail –  
WoodWorks® Concealed Ceiling System



## INSTALLATION OF TRIM (ALUMINUM SUBSTRATE) FOR WOODWORKS® PANELS



Adjustable Trim Clip (7239)  
in standard position

## PHYSICAL DATA

### Material

Fire-rated particle board (FRPB) with real wood veneers.  
Vertical Grain Fir (NVF) is FRPB with a reconstituted veneer.

### Surface Finish

Clear or tinted semi-gloss coating

### Fire Performance

Class A: ASTM E84 surface burning characteristics.  
Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics.  
Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

ASTM E1264 Classification  
Type XX - Fire Class A

Primary (Embodied) Energy  
See all LCA information on our EPDs.

### Application Considerations

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

Use of large wood panels may result in deflection up to 1/8" and cause alignment inconsistency due to size and ambient conditions.

It is very important that WoodWorks® panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained throughout the life of the product.

### Design Considerations

All perforated panels are standard with fleece attached. Panels without fleece must be specified.

Do not mix different panel sizes with slotted perforations.

Perforation borders will not align. The use of Armstrong® Prelude® 15/16" suspension system is strongly recommended.

Cloud installations less than 6' wide are not recommended.

Not recommended for SingleSpan™ corridor applications.

### Specification Consideration

Attention: For FSC® certified wood products to maintain their CoC certification, products must be sold to a CoC certified distributor, or directly to the installing contractor. Failure to do so breaks the CoC.

### Seismic Restraint

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

### Cleaning and Disinfecting

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

### FAST134 Program Considerations

Size of Job Matters: Big jobs, over 2500 SF or 50 pieces for shapes/vertical elements will have longer lead times.

Location Matters: Transit time not included. We are ready to ship in 1 week on FAST1 items. However, transit to the states west of Wyoming may add time.

Distributor Truck Schedule Matters: We rely on distribution to help move products around the country. When speed matters, work with your local distributor to ensure FAST134 service.

Stock vs. Made-to-Order Matters: FAST3 & FAST4 items are made-to-order and will ship direct to distributor. FAST1 (stocked items) will go through distribution and depend on distributor truck schedules.

### Warranty

Details at armstrongceilings.com/warranty

### Weight/Square Feet

5983F01, 5984F01, 5985F01 - 2.75 LBS/SF; bulk packaged per order. Suspension system, hardware, and accessories ordered separately.