

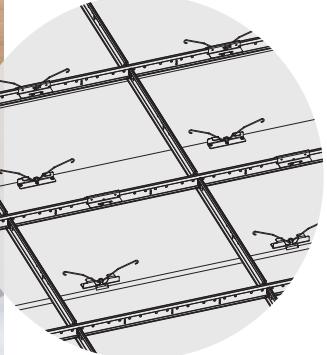


WOODWORKS® Torsion Spring

Concealed Suspension



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



WoodWorks Torsion Spring 24" x 96" panels in Plain Slice Cherry

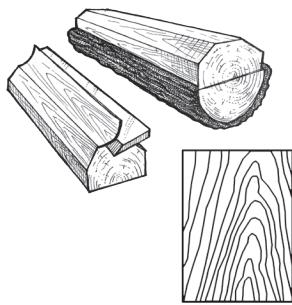
WoodWorks® Torsion Spring accessible system offers a monolithic wood visual in a variety of standard veneers and perforations.

KEY SELECTION ATTRIBUTES

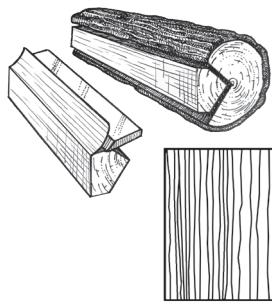
- Standard veneers feature various species and cuts for beautiful wood visuals
- ASTM E84 Class A Fire Performance
- Downward accessible panels provide easy access to the plenum
- The natural warmth of wood can contribute to biophilic designs and building certification standards like the WELL™ v2 "Nature and Place" feature
- Complete standard system from one manufacturer, including panels, suspension system, clips, and trim options
- USDA Biobased content: 100%
- FSC® certified wood available as a premium quoted option
- CleanAssure™ family of products includes disinfectable panels, suspension systems, and trim

VENEER CUTS

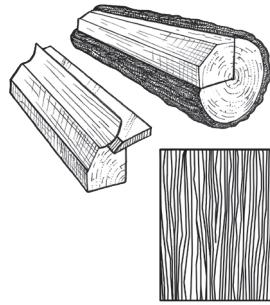
Different cuts of a log will yield different graining visuals. Choose your veneer to achieve your desired look.



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.

WOODWORKS® Torsion Spring

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® Torsion Spring Concealed Suspension

Concealed Suspension



80% RECYCLED
CONTENT

For LEED contribution contact TechLine



VISUAL SELECTION

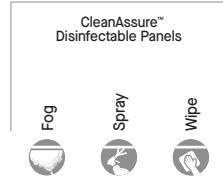
	Item No.◆	Dimensions Nominal W x L x H (Inches)	LBS/ SF
WoodWorks® Torsion Spring 1/4" Reveal 	8245F01_S1_---	24 x 24 x 3/4"	2.94
	8245F01_S2_---	24 x 48 x 3/4"	2.94
	8245F01_S3_---	24 x 72 x 3/4"	2.94
	8245F01_S4_---	24 x 96 x 3/4"	2.94
	8245F01_S5_---	30 x 60 x 3/4"	2.94
	8245F01_S6_---	30 x 30 x 3/4"	2.94
FSC® certified* WoodWorks Torsion Spring 1/4" Reveal 	8245F02_S1_---	24 x 24 x 3/4"	2.94
	8245F02_S2_---	24 x 48 x 3/4"	2.94
	8245F02_S3_---	24 x 72 x 3/4"	2.94
	8245F02_S4_---	24 x 96 x 3/4"	2.94
	8245F02_S5_---	30 x 60 x 3/4"	2.94
	8245F02_S6_---	30 x 30 x 3/4"	2.94

- When specifying or ordering, include the appropriate 2-digit perforation and 3-letter veneer suffix (e.g., 8245FO1W2S1NWM)

NOTE: Springs and brackets are included with panels.

- * FSC-certified wood is a premium option available through ASQuote@armstrongceilings.com

PERFORMANCE



ACOUSTICAL INFORMATION

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

ACCESSORIES

Item No.◆◆	Description	Dimensions Nominal W x L x H (inches)	Color	PCS/CTN	
Suspension Systems	7301BL	15/16 x 144 x 1-11/16"	Black	20	
	XL8320BL	15/16 x 144 x 1-11/16"	Black	60	
	XL7379BL	1-11/16"	Black	60	
	7800BL	7/8 x 144 x 7/8"	Black	30	
Accessories	7100	1-1/4 x 3 x 1"	Mill Finish	50	
	7104	N/A	N/A	25	
	7232	N/A	N/A	25	
	7129	N/A	N/A	1 each	
	GC3WG90	3 Way Grid Clip – Required for 30" panel	N/A	250	
	6091	Safety Cable – Required for any panels larger than 24" x 24"	N/A	50	
	6481F01W1H6_ _ _	6" Veneered Trim with 4 Clips – Item 5925 (With Faux Wood Edgebanding on long edges)	6 x 96 x 3/4"	All Veneers	N/A
Perimeter Trim	6481F01W1H8_ _ _	8" Veneered Trim with 4 Clips – Item 5925 (With Faux Wood Edgebanding on long edges)	8 x 96 x 3/4"	All Veneers	N/A
	5925	Replacement Trim Clips	N/A	Mill Finish	25
	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
	6408_ _ _	WoodWorks Edgebanding Coordinating Faux Wood	3/4" x 300"	All Veneers	25 LF
	6481F02W1H6_ _ _	6" Veneered Trim with 4 Clips – Item 5925 (With Faux Wood Edgebanding on long edges)	6 x 96 x 3/4"	All Veneers	N/A
FSC-certified Premium Trim*	6481F02W1H8_ _ _	8" Veneered Trim with 4 Clips – Item 5925 (With Faux Wood Edgebanding on long edges)	8 x 96 x 3/4"	All Veneers	N/A

◆◆ When specifying or ordering, include the appropriate 3-letter veneer suffix (e.g., 6481FO1W1H6 N W M)

NOTE: Saddles must be ordered separately. Refer to installation instructions at armstrongceilings.com/installation for a better understanding of suspension system requirements.

WOODWORKS® Torsion Spring

Concealed Suspension

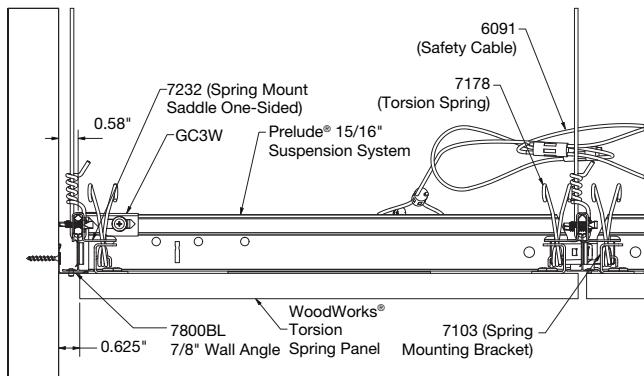
USDA
CERTIFIED
BIOBASED
PRODUCT
PRODUCT 100%



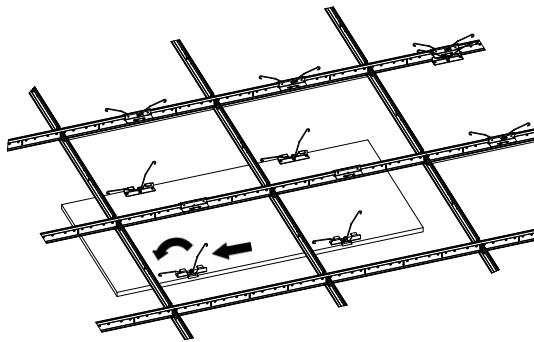
For LEED contribution contact TechLine

	energy management		recyclable/ extended producer resp.
	construction waste mgmt		biobased materials
	regional materials		FSC® (Co-wood)
	design for flexibility		recycled content
	EPD		sourcing of raw materials
	LOCATION DEPENDENT		material ingredient reporting
	Premium Option		low emitting/ low materials
	WITH INFILL PANEL		lighting quality

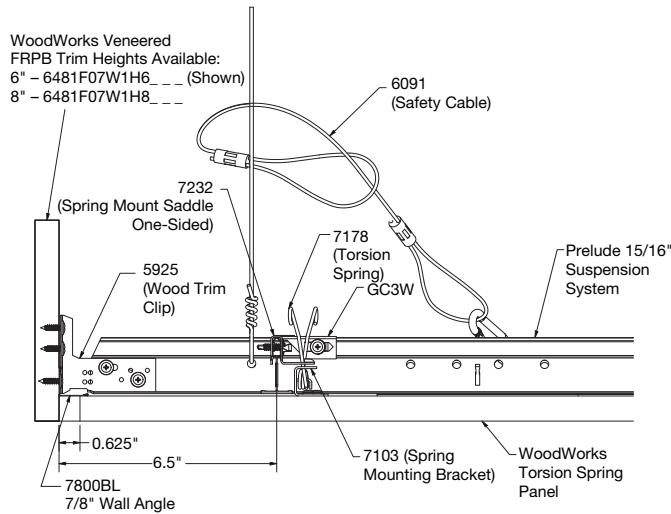
INSTALLATION DETAILS



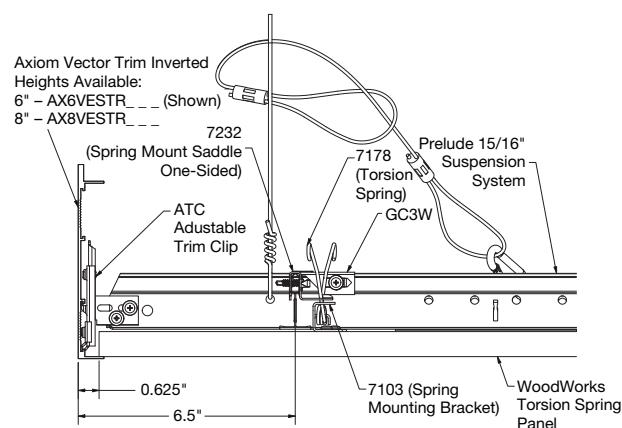
① Wall Perimeter Detail



② 24" x 48" Panel Access Detail



③ Floating Perimeter Detail



④ Axiom® Trim Detail



WOODWORKS® – Standard

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.

Designers and installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.

ASTM E1264 Classification

Type XX; Pattern: Z; Class A

Design Considerations

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

The borders of slotted perforated panels are not designed to align when mixing panels of varying sizes.

Application Considerations

It is very important that WoodWorks planks are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained.

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 Torsion Spring 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

Warranty

Warranty details at armstrongceilings.com/warranty

Weight

Refer to visual selection chart.
(Bulk packaged)