WOODWORKS® Channeled

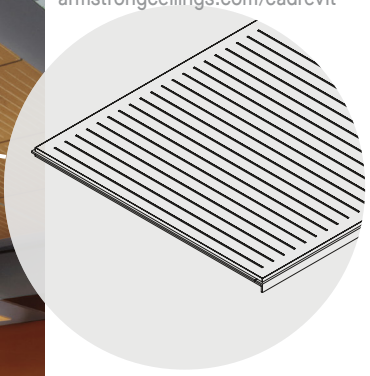
Tegular

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



WoodWorks Channeled panels with W9 perforation in Natural Variations Light Cherry and Maple

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



plus capabilities to do more



armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery

Now get Total Acoustics® performance with WoodWorks® Channeled Tegular perforated panels – excellent noise reduction and sound blocking in one system.

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics
- Real wood veneers
- Create a continuous ceiling, cloud, or ceiling-to-wall transition
- Standard acoustical fleece provides sound absorption
- Shorter lead times and lower costs than custom millwork
- Class A fire performance
- FSC® Chain of Custody (CoC) certified WoodWorks products (FSC® C007626) represent responsible production and consumption practices from the forest to the consumer
- BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® credits
- Made in the U.S.A. of domestic and global content
- Build America, Buy America (BABA) Act compliant

VENEERS

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

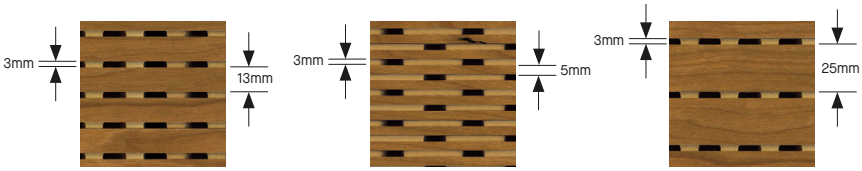
Natural Variations™
(Real Wood Veneers)



Maple (NMP) | Light Cherry (NLC) | Dark Cherry (NDC) | Custom Veneers and Finishes Available (extended lead times)

VENEER PERFORATION OPTIONS

(Actual 1:2 scale shown)



W7 (13mm profile with 3mm groove) | W8 (5mm profile with 3mm groove) | W9 (25mm profile with 3mm groove)

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Tegular

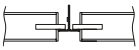
FSC www.fsc.org FSC® C007626 The mark of responsible forestry

RECYCLED CONTENT
UP TO 69%

LEED V5

COMMON MATERIALS FRAMEWORK	Climate Health	EPD
	Human Health	EPD
	Ecosystem Health	FSC®
	3rd Party CDPH	Circular Economy ✓
OCCUPANT EXPERIENCE		Acoustics ✓

VISUAL SELECTION

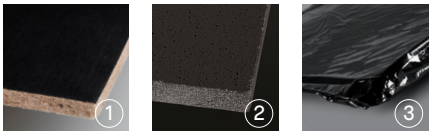
Edge Profile	Item No.◆	Dimensions Nominal W x L x H (Inches) Custom Sizes Available	Perforations	Fire Rating
FSC® certified WOODWORKS® Channeled Tegular Panels with Perforated Veneers (with acoustical fleece) 9/16" Tegular 	**5904** _ _ _ _ _	24 × 24 × 3/4" ☐	W7, W8, W9	Class A

◆ When specifying or ordering, include the appropriate 2-letter perforation suffix and the color suffix (e.g., 5904W 7 N M P.)

INFILL PANELS

Item No.	Description	Dimensions (Inches)	Colors	Pieces/Carton
5823	BioAcoustic™ Infill Panel	24 × 24 × 5/8"	Black Matte	12
8200T10	Fiberglass Infill Panel	24 × 24 × 1"	Black Gloss	12
1713/1713BL	School Zone® Fine Fissured™ Square Lay-in Panel	24" × 24"	White or Black	12
2820/2820BK	Calla® Square Lay-in Panel	24" × 24"	White or Black	10

INFILL PANEL OPTIONS



1. BioAcoustic Infill Panel 5823 – Black
2. Calla Square Lay-in Panel 2820BK – Black
3. 1" Fiberglass Infill Bag 8200T10

PERFORMANCE

ACOUSTICAL INFORMATION

Performance determined by perforation size. Dots represent high level of performance.

Perforation	Infill Panel Item No.	NRC	+ CAC	= Total Acoustics[1] NRC + CAC
W7 13mm Profile Groove	**Panel only**	0.70	N/A	N/A
	8200T10	0.80	N/A	N/A
	5823	0.80	N/A	N/A
	1713BL	0.75	42	BETTER
	2820BK	0.80	40	BEST
	5479	0.80	N/A	N/A
W8 5mm Profile Groove	**Panel only**	0.75	N/A	N/A
	8200T10	0.80	N/A	N/A
	5823	0.85	N/A	N/A
	1713BL	0.75	42	BETTER
	2820BK	0.80	40	BEST
	5479	0.85	N/A	N/A
W9 25mm Profile Groove	**Panel only**	0.50	N/A	N/A
	8200T10	0.65	N/A	N/A
	5823	0.65	N/A	N/A
	1713BL	0.60	42	GOOD
	2820BK	0.60	40	GOOD
	5479	0.65	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+)



WoodWorks Channeled ceiling panel with Calla 2820 acoustic infill panel for Total Acoustics performance

WOODWORKS® Channeled
Tegular

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www.fsc.org
FSC® C007626
The mark of responsible forestry

RECYCLED CONTENT
UP TO 69%

LEED V5

COMMON MATERIALS FRAMEWORK		
Human Health	Climate Health	EPD
	Ecosystem Health	EPD
		FSC®
3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE	Acoustics	✓

INSTALLATION ACCESSORIES

Item Number	Description	Dimensions W x L x H (Inches)	Color	PCS/CTN
7805BL*	10' Angle Molding	1-1/2 × 120 × 1-1/2"	Tech Black	30
7823BL*	10' Shadow Molding	2 × 120 × 1-1/4 × 3/4"	Tech Black	10
7804BL	Angle Molding (recommended with wood trims)	7/8 × 144 × 9/16"	Black	30
FXTBC	T-Bar Connector Clip	–	–	10
FXVTBC	T-Bar Connector Clip for Vector® panels	–	–	10
FX4SPLICE	Splice Plate with Set Screws	–	–	10
6459BL	Rigid Attachment Clip	5-1/2" × 1-3/4"	Black	25
6091	Safety Cable	–	–	50
7891	12-Gauge Hanger Wire	144" Length	–	140
92715A620	Self-tapping Screw	#2 × 3/4" Length	Black	25
SH12	Support Hanger	144" × 24"	–	12
UHDC	Universal Hold-down Clip	–	–	100
FZUHDC	FastShip™ Universal Hold-down Clip	–	–	50
CHDC	Clear Hold-down Clip	–	–	50
414	Retention Clip	–	–	100
FZ414	FastShip Retention Clip	–	–	50
442	Vector Hold-down Clip	–	–	50

* This color is a special order item with these moldings.

WOODWORKS® Channeled
Tegular

FSC www.fsc.org FSC® C007626 The mark of responsible forestry

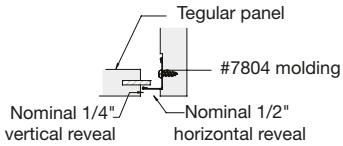
RECYCLED CONTENT UP TO 69%

LEED V5

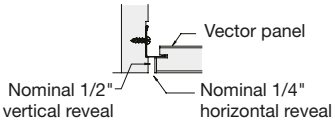
COMMON MATERIALS FRAMEWORK	Climate Health	EPD
	Human Health	EPD
		FSC®
	3rd Party CDPH	Circular Economy ✓
OCCUPANT EXPERIENCE		Acoustics ✓

INSTALLATION OF TRIM (WOOD SUBSTRATE) FOR WOODWORKS® PANELS

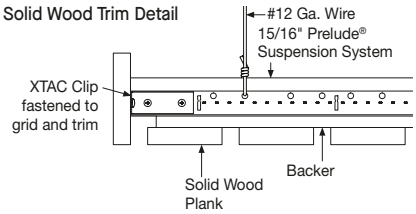
Trim with Tegular Panel



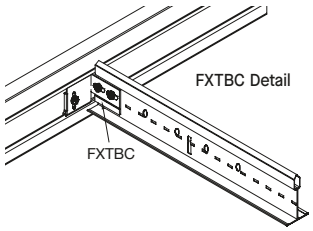
Trim with Vector® Panel

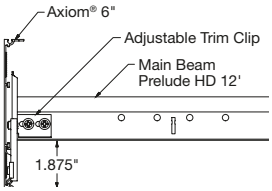


Solid Wood Trim Detail

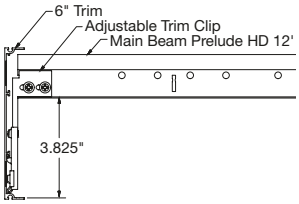


INSTALLATION OF TRIM (ALUMINUM SUBSTRATE) FOR WOODWORKS PANELS

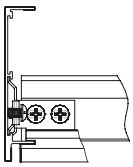




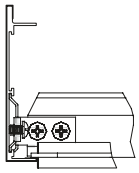
Adjustable Trim Clip (7239) in standard position



Adjustable Trim Clip (7239) in inverted position



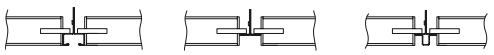
Trim Assembly for Vector Panel



Trim Assembly for Tegular Panel

SUSPENSION SYSTEMS (Heavy-duty)

9/16" Tegular



Silhouette® HD | Suprafine® HD | Interlude® XL® HRC HD

Suprafine suspension system is available in many standard colors.
All other suspension systems are available in standard White only.
Other colors available as special order.

PHYSICAL DATA

Material
FSC® certified fire-retardant medium-density fiberboard with face-cut veneers.

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.

Acoustical Performance
CAC testing conducted using Silhouette suspension system.

ASTM E1264 Classification
ASTM E1264 Type XX – Fire Class A

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

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

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 Channeled wood panels have been engineered, tested, and approved in all seismic areas when installed per Armstrong Ceilings installation instructions.

Warranty
Details at armstrongceilings.com/warranty

Panel Weight
2.2 LBS/SF (Bulk packaged)

TechLine / 877 276-7876
armstrongceilings.com/woodworkschanneled

BPCS-5104-426

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