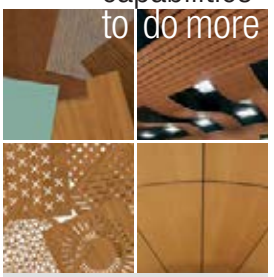
WOODWORKS®

Tegular

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

WoodWorks® Tegular panels with W2 perforation in Natural Variations™ Maple with Suprafine® XL® 9/16" exposed tee suspension system (Pgs. 399-400)

plus... capabilities to do more



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

Now get Total Acoustics® performance with WoodWorks® 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® performance
- Create upturns for continuous visuals and clouds with WoodWorks trim (see page 183 for trim options)
- Coordinating WoodWorks walls available (see pages 421-422 for wall offering)
- 18" x 18" Tegular infill panels now available for Metaphors® Coffers; for details, visit armstrongceilings.com/metaphors
- Shorter lead times and lower cost than custom millwork

VENEERS

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

Natural Variations™
(Real Wood Veneers)

Beech (NBE) | Maple (NMP) | Light Cherry (NLC) | Dark Cherry (NDC)

Walnut (NWN) | Oak (NOK) | Walnut Espresso (NWE)

Constants™
(Real Wood Veneers)

Maple (CMA) | Cherry (CCY) | Walnut (CWA) | Redux Wood Wheat (CRW)

Bamboo*

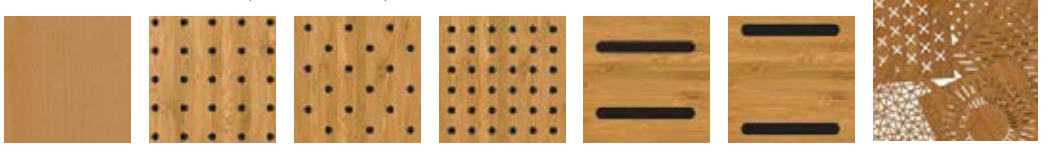
Patina (BAP) | Native (BAN)

Custom Veneers Available

* Veneer is rapidly renewable. Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.

PERFORATION OPTIONS

(Actual 1:6 scale shown)



W1 (Unperforated) | W2 – Rg 6006 (Round Straight) | W3 – Rd 6006 (Round Diagonal) | W4 – Rg 6011 (Round Straight) | W5 – Lg 9512 (Oval Straight Slotted) | W6 – Lg 9508 (Oval Straight Slotted) | Custom Perforations Available

NOTE: Slotted perforations run parallel to the length of the panel. To view more perforation information and build swatches in real time, visit armstrongceilings.com/swatchit

Armstrong® CEILING & WALL SOLUTIONS

WOODWORKS®
Tegular

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 100%

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

UP TO 92% RECYCLED CONTENT

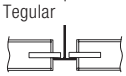
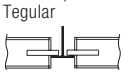
For LEED contribution contact TechLine

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; FSC (for wood); recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

LOCATION DEPENDENT

WITH INFILL PANEL

VISUAL SELECTION

Edge Profile	Item No. ◆	Dimensions Nominal W x L x H (Inches) Custom Sizes Available		Perforations	Fire Rating
WOODWORKS® Tegular					
9/16" Square Tegular 	**5404**_ _ _ _ _	24 x 24 x 3/4"	□	W1, W2, W3, W4, W5, W6	Class A
FSC®-certified WOODWORKS Tegular					
9/16" Square Tegular 	**5406**_ _ _ _ _	24 x 24 x 3/4"	□	W1, W2, W3, W4, W5, W6	Class A
	6484_ _ _ _ _	12 x 48 x 3/4"	▭		
	6485_ _ _ _ _	12 x 72 x 3/4"	▭		
	6486_ _ _ _ _**	24 x 48 x 3/4"	▭		
	6487_ _ _ _ _**	24 x 72 x 3/4"	▭		
TechZone® Panels					
	6510_ _ _ _ _	24 x 42 x 3/4"	▭	W1, W2, W3, W4, W5, W6	Class A
	6511_ _ _ _ _	30 x 30 x 3/4"	□		
	6512_ _ _ _ _	27 x 30 x 3/4"	□		

◆ 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.

** 24" x 48" and 24" x 72" Tegular panels are available standard with fleece attached. Fleece on other panels must be specified.

NOTE: Items 6485 and 6487 (12" x 72" and 24" x 72" series) include suspension system stabilizer hooks. Items 6510, 6511, and 6512 are available in limited standard finishes and perforation options. See TechZone® ceiling systems (pages 337-344) for more details.

PERFORMANCE

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Performance determined by perforation size

Perforation	Infill Panel Item Number	NRC	+	CAC	=	Total Acoustics[1] NRC + CAC
W1 Unperforated		N/A		38 •		–
W2 Round Straight	8200100	0.40		28		–
	5479	0.40		28		–
	5823	0.40		28		–
	1713BL	0.65		42 •		GOOD
	2820BK	0.70 •		37 •		BETTER
W3 Round Diagonal	8200100	0.40		28		–
	5479	0.40		28		–
	5823	0.40		28		–
	1713BL	0.65		42 •		GOOD
	2820BK	0.70 •		37 •		BETTER
W4 Round Straight	8200100	0.40		28		–
	5479	0.40		28		–
	5823	0.40		28		–
	1713BL	0.70 •		42 •		BETTER
	2820BK	0.70 •		37 •		BETTER
W5 Oval Straight Slotted	8200100	0.40		28		–
	5479	0.40		28		–
	5823	0.40		28		–
	1713BL	0.70 •		42 •		BETTER
	2820BK	0.80 •		37 •		BEST
W6 Oval Straight Slotted	8200100	0.40		28		–
	5479	0.40		28		–
	5823	0.40		28		–
	1713BL	0.65		42 •		GOOD
	2820BK	0.70 •		37 •		BETTER

[1] Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance 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+)

For perforation % open area, refer to Pgs. 153-154.
For infill panel information, refer to Pg. 184.

EXAMPLE: **5406 W2 NLC**

- **5406**: Panel Dimension/Type: 24" x 24" FSC-certified
- **W2**: Perforation: W2 Round Straight Rg 6006
- **NLC**: Finish: Natural Variations Light Cherry

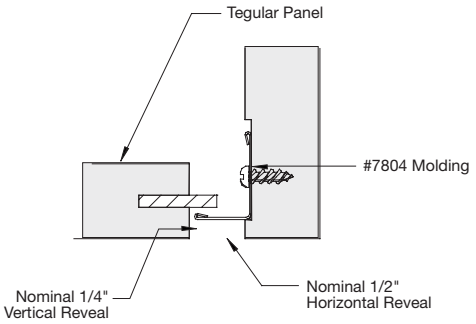
NRC + CAC

DEF

WOODWORKS®

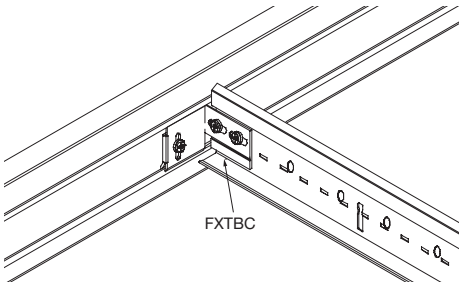
Tegular

WOODWORKS® TRIM (WOOD SUBSTRATE) INSTALLATION

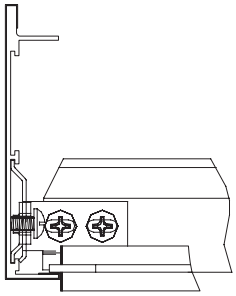


Trim with Tegular Panel

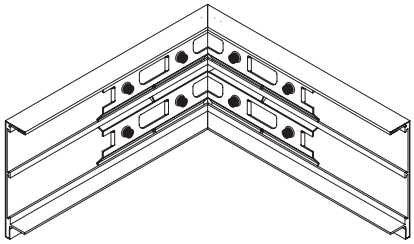
WOODWORKS TRIM (ALUMINUM SUBSTRATE) INSTALLATION



FXTBC Detail



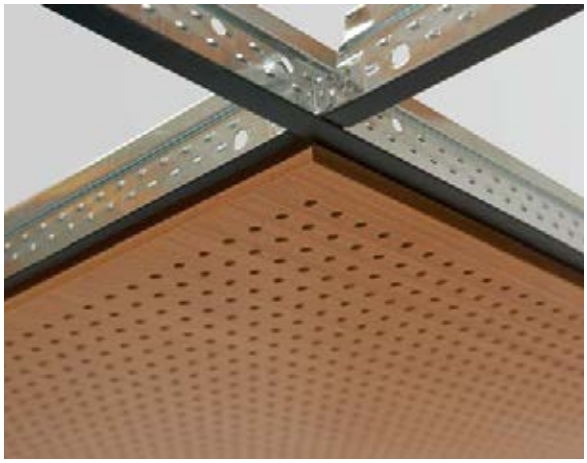
Trim Assembly for Tegular Panel



FXSPLICE Corner Detail

TOTAL ACOUSTICS® PANEL INSTALLATION

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



WoodWorks® Tegular ceiling panel with acoustical panel installed for Total Acoustics® performance

WOODWORKS®
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ACCESSORIES

Item No. ◆	Description	Dimensions (Inches) Nominal W x L x H	Color	Pcs/ Crtn
5415W1_ _ _	4" WoodWorks® Trim (with FSC®-certified wood substrate)	4 x 96 x 3/4"	See Colors on Page 155	6
5419W1_ _ _	6" WoodWorks Trim (with FSC-certified wood substrate)	6 x 96 x 3/4"	See Colors on Page 155	4
5659W1_ _ _	4" WoodWorks Trim (with aluminum substrate)	4" x 120"	See Colors on Page 155	6
5660W1_ _ _	6" WoodWorks Trim (with aluminum substrate)	6" x 120"	See Colors on Page 155	6
7804BL	Angle Molding (recommended with wood trims)	7/8 x 144 x 9/16"	Black	2
FXTBC	T-Bar Connector Clip	–	–	10
FXVTBC	Vector® T-Bar Connector Clip	–	–	10
FXSPLICE	Splice Plate with Setscrews	–	–	10
FX4SPLICE	Splice Plate with Setscrews	–	–	10
6408_ _ _	3/4" Edge Banding	3/4" x 300"	See Colors on Page 155	–
7891	12-Gauge Hanger Wire	144" Length	–	–
92715A620	Self-tapping Screws	#2 x 3/4" Length	Black	25
1713BL	Fine Fissured™ Lay-in Panel	24 x 24 x 3/4"	Tech 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
5823	BioAcoustic Infill Panel	24 x 24 x 5/8"	Black Matte	12
8200100	Fiberglass Infill Panel	24 x 24 x 1"	Black Gloss	12
6091	Safety Cable	–	–	50

◆ When specifying or ordering, include the color suffix that coordinates with your WoodWorks ceiling: (e.g., 5415W1 N M P)

WoodWorks® Vector® with 4" WoodWorks Trim (wood substrate) in Bamboo Patina

Axiom® Trim also available in multiple colors and profile sizes. For details, visit armstrongceilings.com/axiom

SUSPENSION SYSTEMS

9/16" Tegular

Silhouette® | Suprafine® | Interlude® XL® HRC

Suprafine 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
Fire-retardant particle board with face-cut veneers; FSC®-certified fire-retardant particle board with face-cut veneers (RA-COC-003601). For more information about FSC®-certified fire-retardant products, or to view our FSC®-certification letter, visit armstrongceilings.com/woodworksfsc

Surface Finish
Clear or tinted semigloss coating

Fire Performance
ASTM E84 surface burning characteristics, HPVA Certified with audit program per ASTM E84. 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
Composite – 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.

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
Different panel sizes should not be installed together. Perforated panel borders will vary (length and width) based on perforation selection and panel size. Do not mix perforations on the same installation.

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.

Installation Consideration for Tegular Panels
Due to panel weight, 24" x 48" and 24" x 72" panels require that the suspension system be attached to the back with safety cables attached. 12" x 72" and 24" x 72" panels require the use of suspension system stabilizer clips (which are included in the cartons).

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

Warranty
Details at armstrongceilings.com

Weight; Square Feet
Panels – 2.75 lbs/SF

TechLine / 1 877 276-7876
armstrongceilings.com/woodworks
(search: woodworks tegular)
BPCS-5103-118

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