



CEILING | SYSTEMS

Between us, ideas become reality™

WOODWORKS®
Tegular and Vector®

Armstrong®

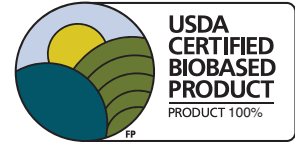
WOODWORKS®

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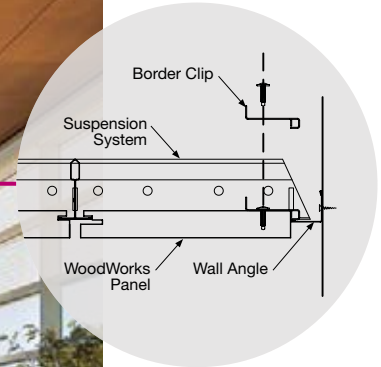
Natural Variations™, Constants™, and Bamboo



The mark of responsible forestry

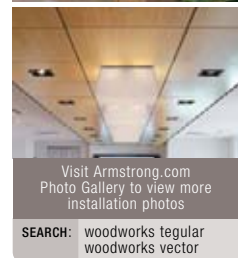


WoodWorks Vector – Rg 5008 Perforation in Custom White Oak Rift



KEY SELECTION ATTRIBUTES

- Choose from a variety of standard panel sizes and standard perforation options to enhance acoustical performance and design aesthetics
- Vector edge detail provides safe and secure downward accessibility without tools and narrow reveal visual (1/4")
- Create upturns for continuous visuals and clouds with WoodWorks Trim
- Coordinating WoodWorks walls available (see catalog pages 317-319 for walls offerings)
- 18" x 18" Tegular infill **PANELS** now available for Metaphors® Coffers; for details, visit armstrong.com/metaphors
- Installation with minimum plenum clearance (Vector)
- Shorter lead times and lower cost than custom millwork
- California Air Resources Board (CARB) compliant*
- BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® credits

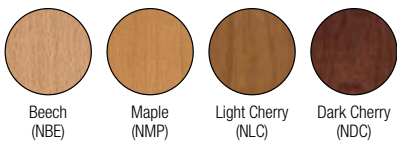


Visit Armstrong.com Photo Gallery to view more installation photos

SEARCH: woodworks tegular woodworks vector

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

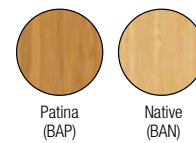
Natural Variations (Real Wood Veneers)



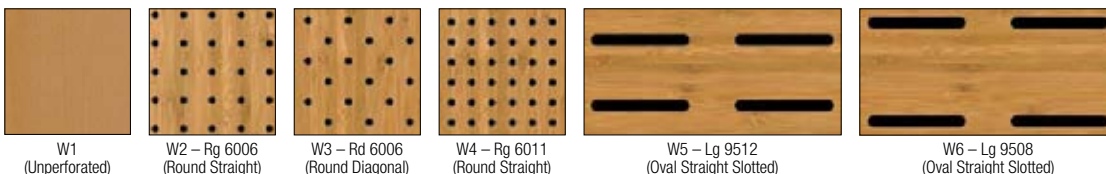
Constants (Real Wood Veneers)



Bamboo (Veneer is Rapidly Renewable)



PERFORATION OPTIONS (Actual 1:6 scale shown)



NOTE: Slotted perforations run parallel to the length of the panel.

To view more perforation information and build swatches in real time, visit armstrong.com/swatchit

For custom veneer, stain, perforation, and size options, contact the Armstrong Architectural Specialties project management team at 1 877 ARMSTRONG and select prompts 1-1-4.

* Specified in Title 17 California Code of Regulations Section 93120.2(a)

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

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Tegular and Vector®

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92% RECYCLED CONTENT

EPD AVAILABLE

LEED®

acoustics

energy

certified wood

indoor air quality

renewable materials

recycled content

waste mgmt

local materials

Calculate LEED contribution at armstrong.com/greengenie

*LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

ACOUSTICAL INFORMATION

Edge Profile	Item Number*	Dimensions (Inches) Nominal W x L x H	Perforations	Fire Rating	Primary (Embodied) Energy
WOODWORKS Tegular					
9/16" Square Tegular	5404	24 x 24 x 3/4"	□	W1, W2, W3, W4, W5, W6	Class A • Below 11MJ/SF
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"	▬	W1, W2, W3, W4, W5, W6	Class A •
	6485	12 x 72 x 3/4"	▬	W1, W2, W3, W4, W5, W6	Class A •
	6486	24 x 48 x 3/4"	□	W1, W2, W3, W4, W5, W6	Class A •
	6487	24 x 72 x 3/4"	□	W1, W2, W3, W4, W5, W6	Class A •
These additional sizes are available in limited standard finishes and perforation options. See TechZone™ (pages 235-241) for more details.					
	6510	24 x 42 x 3/4"	□	W1, W2, W3, W4, W5, W6	Class A •
	6511	30 x 30 x 3/4"	□	W1, W2, W3, W4, W5, W6	Class A •
	6512	27 x 30 x 3/4"	□	W1, W2, W3, W4, W5, W6	Class A •
WOODWORKS Vector†					
15/16" Vector – 1/4" Reveal	5401	24 x 24 x 3/4"	□	W1, W2, W3, W4, W5, W6	Class A •
FSC-certified WOODWORKS Vector†					
15/16" Vector – 1/4" Reveal	5403	24 x 24 x 3/4"	□	W1, W2, W3, W4, W5, W6	Class A •
	6480	12 x 48 x 3/4"	▬	W1, W2, W3, W4, W5, W6	Class A •
	6482	24 x 48 x 3/4"	□	W1, W2, W3, W4, W5, W6	Class A •

† U.S. Patents 5,417,025; 5,253,463; 5,355,646

• When specifying or ordering, please include the appropriate 2-digit perforation and 3-digit color suffixes. For veneers, sizes, and perforation patterns available as special order, call 1 877 ARMSTRONG and select options 1-1-4.

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

NOTE: Cartons for items 6485 and 6487 (12" x 72" and 24" x 72" series) include suspension system stabilizer hooks.

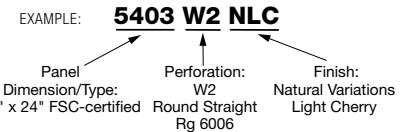
Dots represent high level of performance.

Perforation	NRC** (2' x 4' and 2' x 6' sizes)	NRC** (all other sizes)	CAC**
W1	N/A	N/A	38
W2	0.50	0.40	28
W3	0.50	0.40	28
W4	0.70	0.65	28
W5	0.55	0.55	28
W6	0.45	0.40	28

** Maximum NRC achieved with acoustical infill (item 8200100 or 5479). When infill is used, CAC is 28. For additional infill options, refer to the Acoustical Infill Panels data page (BPCS-4172).

COLORS AND PERFORATIONS

NV Beech (NBE) W1 (Unperforated)
 NV Maple (NMP) W2 (Rg 6006)
 NV Light Cherry (NLC) W3 (Rd 6006)
 NV Dark Cherry (NDC) W4 (Rg 6011)
 Constants Maple (CMA) W5 (Lg 9512)
 Constants Cherry (CCY) W6 (Lg 9508)
 Constants Walnut (CWA)
 Bamboo Patina (BAP)
 Bamboo Native (BAN)



SUSPENSION SYSTEMS

15/16" Vector



Prelude®

9/16" Tegular



Suprafine®



Silhouette®



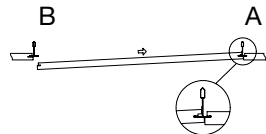
Interlude®



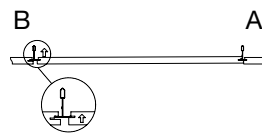
Sonata®

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

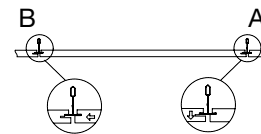
VECTOR PANEL INSTALLATION DETAILS



Step 1: Fully insert the deepest kerf of edge "A", the access kerf, onto the exposed grid flange.



Step 2: Raise the "B" edge of the panel, the registration kerf, into the grid opening until the kerf lines up with the grid flange.

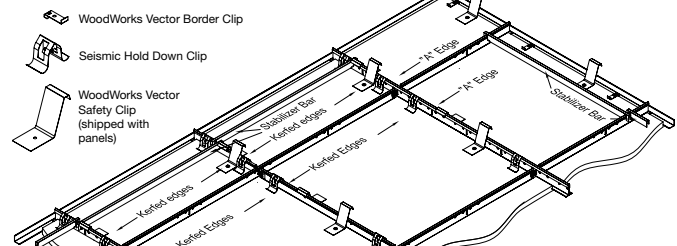


Step 3: Slide the panel so that the registration kerf on edge "B" engages the grid flange. Ensure that the access kerf on edge "A" drops down into the correct position.

ACCESSORIES FOR VECTOR INSTALLATION

Item Number	Description
440	Border Clip (included in carton for 2' x 2' panels; shipped separately for 1' x 4' and 2' x 4')
442	Vector Seismic Hold-down Clip
7425	2' Vector Stabilizer Bar
7445	4' Vector Stabilizer Bar
FXSPTHDC	Hold-down Clip for Cut Panel Installations

WoodWorks Vector Clip Arrangement



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ACCESSORIES (CONTINUED)

Item Number	Description	Dimensions Nominal W x L x H	Color	Pieces/ Carton
5415W1_ _ _ *	4" WoodWorks Trim (with FSC-certified wood substrate)	4" x 8' x 3/4"	See Colors Above	6
5419W1_ _ _ *	6" WoodWorks Trim (with FSC-certified wood substrate)	6" x 8' x 3/4"	See Colors Above	4
5659W1_ _ _ *	4" WoodWorks Trim (with aluminum substrate)	4" x 10'	See Colors Above	6
5660W1_ _ _ *	6" WoodWorks Trim (with aluminum substrate)	6" x 10'	See Colors Above	6
7804BL	Angle Molding (recommended with wood trims)	7/8" x 12' x 9/16"	Black	2
FXTBC	T-bar Connector Clip	-	-	10
FXVTBC	Vector T-bar Connector Clip	-	-	10
FXSPlice	Splice Plate with Set Screws	-	-	10
FX4SPlice	Splice Plate with Set Screws	-	-	10
6408_ _ _ *	3/4" Edge Banding	3/4" x 25'	See Colors Above	-
7891	12-Gauge Hanger Wire	12' Length	-	-
92715A620	Self-tapping Screws	#2 x 3/4" Length	Black	25
5479	BioAcoustic™ Infill Panel	2' x 2' x 5/8"	Beige Matte	12
5823	BioAcoustic Infill Panel	2' x 2' x 5/8"	Black Matte	12
8200100	Fiberglass Infill Panel	2' x 2' 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)

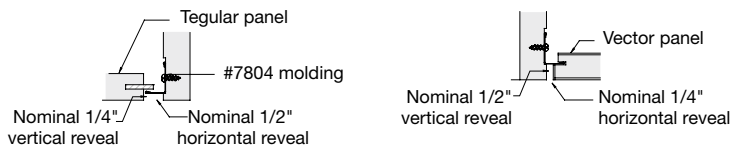


WoodWorks Vector with 4" WoodWorks Trim (wood substrate) in Bamboo Patina



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

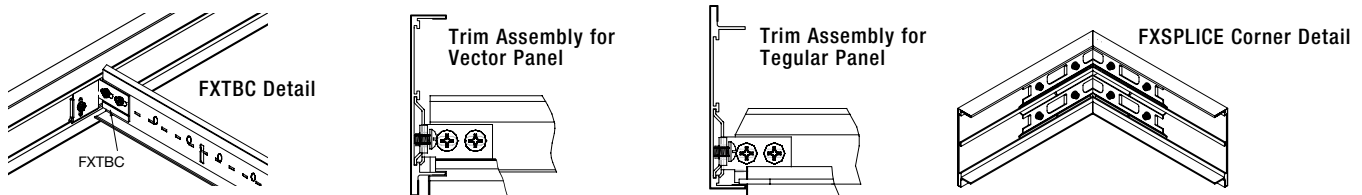
WOODWORKS TRIM (WOOD SUBSTRATE) INSTALLATION



Trim with Tegular Panel

Trim with Vector Panel

WOODWORKS TRIM (ALUMINUM SUBSTRATE) INSTALLATION



PHYSICAL DATA

Material

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

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.

ASTM E1264 Classification

Composite – Fire Class A

Primary (Embodied) Energy

See all LCA information on our EPD's.

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.

Vector safety clips included with panels may be visible through panel perforations.

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

Due to panel weight, tegular 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). All vector panels require safety clips.

Seismic Restraint

These systems have been engineered, tested, and meet the requirements for applications in Seismic Design Categories D, E, and F

Warranty

Warranty details at armstrong.com/warranty

Weight; Square Feet/Carton

Panels – 2.75 lbs/SF
64 SF minimum order quantity;
24" x 24" items 16 SF/ctn;
all other items bulk packaged per order

