

## CEILING SYSTEMS

Between us, ideas become reality™

**WOODWORKS®**  
Tegular and Vector®

**Armstrong®**



# WOODWORKS®

## Tegular and Vector®

Natural Variations™, Constants™, & Bamboo



WoodWorks Vector and WoodWorks Walls with W2 Perforation in Constants Maple  
Niskayuna High School, Niskayuna, NY

### Key Selection Attributes

- NEW** • Five standard panel sizes, including new 1' x 6' and 2' x 6' Tegular options, plus 18" x 18" infills for Metaphors Coffers
- Five standard perforation options available to enhance acoustical performance and design aesthetics
- Create upturns for continuous visuals and clouds with WoodWorks Trim
- Installation with minimum plenum clearance (Vector)
- Vector edge detail provides safe and secure downward accessibility without tools and narrow reveal visual (1/4")
- 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
- NEW** • WoodWorks Tegular panels in additional sizes now available for TechZone; for details, visit [armstrong.com/techzone](http://armstrong.com/techzone)
- For premium and custom veneers, stains, perforations, and sizes, contact the Armstrong Architectural Specialties Project Management Team at 1 877 ARMSTRONG, select prompts 1-1-4

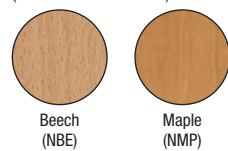


WoodWorks Tegular Custom 1' x 8' in Bamboo Patina with W2 perforation on Prelude XL grid in Silver Satin with 4" Axiom Classic in Silver Satin; Chandler City Hall, Chandler, AZ

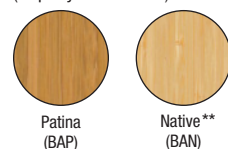
### Veneer Selection

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

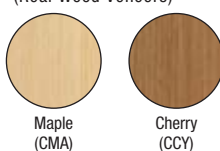
#### Natural Variations (Real Wood Veneers)



#### Bamboo (Rapidly Renewable)



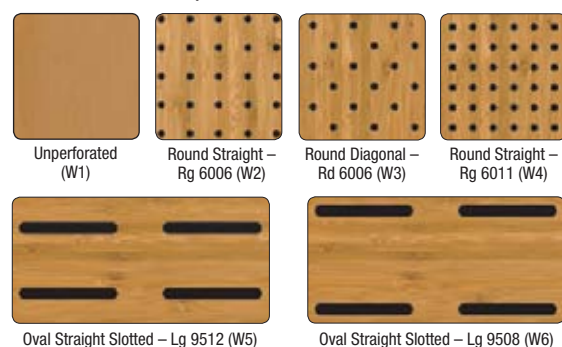
#### Constants (Real Wood Veneers)



\*\* A premium veneer option managed through Architectural Specialties due to the potential for significant color variation panel to panel. Minimum order quantity and extended lead time may apply.

### 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](http://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.

On the cover: WoodWorks Tegular with W2 perforation in Custom Cherry Quartered with Custom 6" and 12" upturns on Suprafine® 9/16" grid in Black; Florida Hospital Oceanside, Ormond Beach, FL

## LEED® Credits

Energy	Waste Mgmt	Recycled Content	Local Materials	Renewable Materials	Certified Wood*	Low Emitting
		✓	✓	✓	✓	✓
		Location Dependent			*Options Available	

## LEED for Schools

Acoustics	Low Emitting or CHPS*
✓	✓

## Colors and Perforations

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

## Visual Selection

Edge Profile	Item No.*	Dimensions Nominal W x L x H	
<b>WOODWORKS Tegal</b>			
9/16" Square Tegal	5404	2' x 2' x 3/4"	
<b>FSC®-certified WOODWORKS Tegal</b>			
9/16" Square Tegal	5406	2' x 2' x 3/4"	
	6484	1' x 4' x 3/4"	
	6485	1' x 6' x 3/4"	
	6486	2' x 4' x 3/4" (with acoustical fleece)	
	6487	2' x 6' x 3/4" (with acoustical fleece)	
<b>Note: Additional 9/16" Square Tegal sizes available. For details, visit <a href="http://armstrong.com/techzone">armstrong.com/techzone</a>.</b>			
<b>WOODWORKS Vector†</b>			
15/16" Vector – 1/4" Reveal	5401	2' x 2' x 3/4"	
<b>FSC-certified WOODWORKS Vector†</b>			
15/16" Vector – 1/4" Reveal	5403	2' x 2' x 3/4"	
	6480	1' x 4' x 3/4"	
	6482	2' x 4' x 3/4"	

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

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

\*\* 2' x 4' and 2' x 6' tegal panels are available standard with fleece attached. Fleece on other panels must be specified.

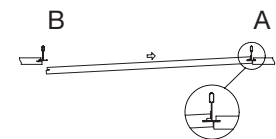
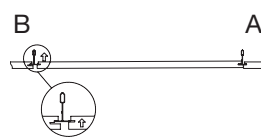
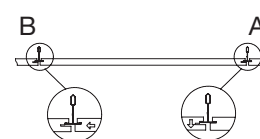
Note: Cartons for items 6485 and 6487 (1' x 6' and 2' x 6' sizes) include Grid Stabilizer Hooks.

## Suspension Systems

15/16" Vector	9/16" Tegal	Silhouette® Bolt-Slot	Sonata®	Suprafine®
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Prelude and Suprafine are available in many standard colors. All other grid is available in standard white only. Other colors available as special order.

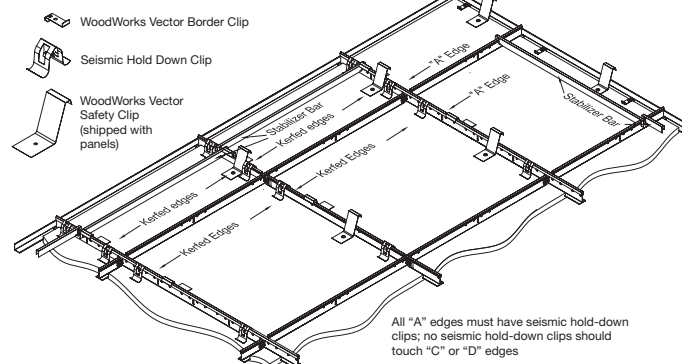
## Vector Panel Installation Details

**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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### Colors

NV Beech (NBE)	NV Dark Cherry (NDC)	Constants Walnut (CWA)
NV Maple (NMP)	Constants Maple (CMA)	Bamboo Patina (BAP)
NV Light Cherry (NLC)	Constants Cherry (CCY)	Bamboo Native (BAN)

### 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**)

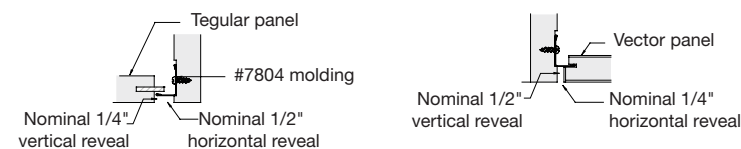


WoodWorks Vector with 4" WoodWorks Trim (wood substrate) in Bamboo Patina



Axiom® Trim also available in multiple colors and profile sizes. For details, visit [armstrong.com/axiom](http://armstrong.com/axiom)

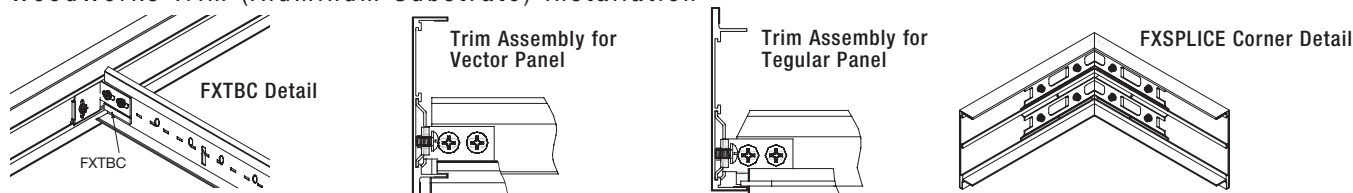
### WoodWorks Trim (Wood Substrate) Installation



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](http://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

**TechLineSM** / 1 877 ARMSTRONG  
1 877 276 7876

**armstrong.com/woodworks**  
BPCS-4283-612

#### Design Consideration

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.

#### 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.

#### 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 2' x 4' and 2' x 6' panels require that grid be attached to the back with safety cables attached. 1' x 6' and 2' x 6' panels require the use of grid stabilizer clips (which are included in the cartons).

#### Seismic Installation

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

#### Warranty

One (1) year limited warranty.  
Details: [armstrong.com/warranty](http://armstrong.com/warranty)

#### Weight; Square Feet/Carton

Panels – 2.75 lbs/SF  
64 SF minimum order quantity; 2' x 2' items 16 SF/ctn; all other items bulk packaged per order