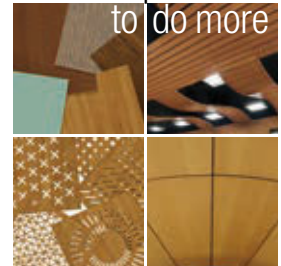# WOODWORKS®
Vector®

WoodWorks® Vector® panels – Rg 5008 Perforation in Custom White Oak Rift with Prelude® XL® 15/16" suspension system (Pgs. 391-392)

plus...
capabilities
to do more

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

Fully accessible wood panels are available in multiple options for acoustical and aesthetic needs.

KEY SELECTION ATTRIBUTES

- 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 (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
- Installation with minimum plenum clearance (Vector)
- Shorter lead times and lower cost than custom millwork

VENEERS Due to printing limitations, shade may vary from actual product.
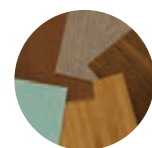
Natural Variations™
(Real Wood Veneers)

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*

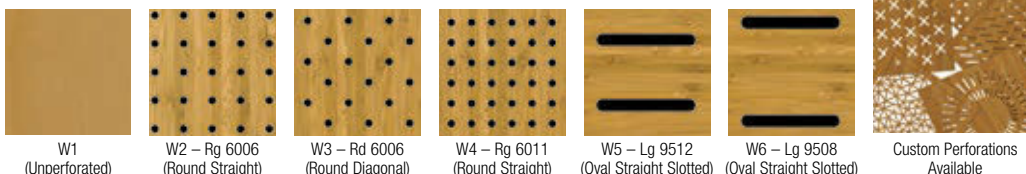| Patina (BAP)	Native (BAN)

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
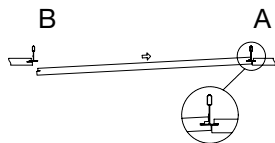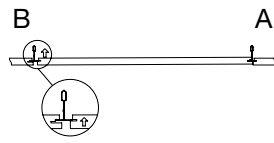
Armstrong®
CEILING & WALL SOLUTIONS

WOODWORKS®
Vector®

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 100%

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

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® 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" ▭		
	6482_ _ _ _ _	24 x 48 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.
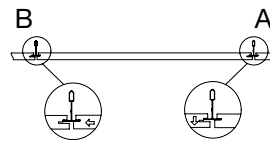

PERFORMANCE

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Perforation		NRC* (24" x 48")	NRC* (all other sizes)	CAC*
W1	Unperforated	N/A	N/A	38 •
W2	Round Straight	0.50	0.40	28
W3	Round Diagonal	0.50	0.40	28
W4	Round Straight	0.70 •	0.65	28
W5	Oval Straight Slotted	0.55	0.55	28
W6	Oval Straight Slotted	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).

EXAMPLE: **5401 W2 NLC**

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

NRC | CAC | DEF

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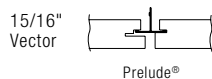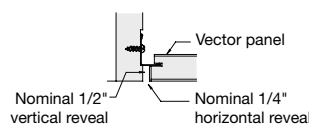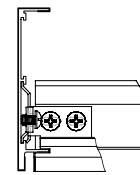
Step 3: Slide the panel so that the registration kerf on edge "B" engages the grid flange. Ensure that the access kerf on edge "A" drops down into the correct position.

SUSPENSION SYSTEMS

15/16" Vector

Prelude®

Prelude suspension system is available in many standard colors. Other colors available as special order.

WOODWORKS TRIM INSTALLATION

Vector panel
Nominal 1/2" vertical reveal
Nominal 1/4" horizontal reveal

Wood Substrate Trim with Vector Panel

Aluminum Substrate Trim Assembly for Vector Panel

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.

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.

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.

Seismic Restraint
WoodWorks Vector 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

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