WOODWORKS®
Vector®

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")
• Wide choice of standard and custom perforations
• Create upturns for continuous visuals and clouds with WoodWorks trim (see page 252 for trim options)
• Coordinating WoodWorks® walls available (see pages 520-521 for wall offering)
• 18” x 18” Tegular infill panels now available for Metaphors® Coffers; for details, visit armstrongceilings.com/metaphors
• Acoustical fleece backing option available for improved sound absorption
• 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)
- Oak (NOK)
- Walnut (NWN)
- Dark Cherry (NDC)
- Walnut Espresso (NWE)

Constants™ (Real Wood Veneers)
- Maple (CMA)
- Cherry (CCY)
- Walnut (CWA)
- Redwood (CWW)

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)

NOTE: Slotted perforations run parallel to the length of the panel and borders vary with panel size.
WOODWORKS®
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VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions Nominal W x L x H (Inches)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>WOODWORKS® Vector®</td>
<td>5401 W2 NLC</td>
<td>24 x 24 x 3/4&quot;</td>
<td>W1, W2, W3, W4, W5, W6</td>
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<tr>
<td>FSC®-certified WOODWORKS® Vector®</td>
<td>5403 W2 NLC</td>
<td>24 x 24 x 3/4&quot;</td>
<td>W1, W2, W3, W4, W5, W6</td>
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<tr>
<td></td>
<td>6480 W2 NLC</td>
<td>12 x 48 x 3/4&quot;</td>
<td></td>
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<tr>
<td></td>
<td>6482 W2 NLC</td>
<td>24 x 48 x 3/4&quot;</td>
<td></td>
</tr>
</tbody>
</table>

When specifying or ordering, include the appropriate 2-digit perforation and 3-letter color suffixes.

For more information about FSC®-certified fire-retardant particle board with face-cut veneers (RA-COC-003601), call TechLine at 1 877 276-7876. NOTE: Vector® panels do not have fleece backer. Can be specified as a premium option.

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

Wood Substrate Trim with Vector Panel

Aluminum Substrate Trim Assembly for Vector Panel

Trim with Cut 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/woodworksfscc

Surface Finish
Clear or tinted semigloss coating

Fire Performance
ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

Surface Finish
ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 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.

Design Considerations
Different panel sizes should not be installed together. Perforated border on 24” x 72” panels are different than other panel sizes. Vector safety clips included with panels may be visible through panel perforations.

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Perforation NRC* CAC

<table>
<thead>
<tr>
<th>Perforation</th>
<th>NRC</th>
<th>CAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>W1</td>
<td>N/A</td>
<td>38</td>
</tr>
<tr>
<td>W2</td>
<td>0.40</td>
<td>28</td>
</tr>
<tr>
<td>W3</td>
<td>0.40</td>
<td>28</td>
</tr>
<tr>
<td>W4</td>
<td>0.65</td>
<td>28</td>
</tr>
<tr>
<td>W5</td>
<td>0.55</td>
<td>28</td>
</tr>
<tr>
<td>W6</td>
<td>0.40</td>
<td>28</td>
</tr>
</tbody>
</table>

* Maximum NRC achieved with acoustical infill (item 8200T10 or 5479, unless noted otherwise). For additional infill options, refer to Pg. 253.

EXAMPLE:

Panel Dimension/Type: 24" x 24" FSC-certified Perforation: W2 Natural Variations: Light Cherry

Warranty
Details at armstrongceilings.com

Weight, Square Feet
Panels – 2.75 lbs/ft²

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.