WOODWORKS® Linear
Veneered Planks, Panels, Solid Wood Panels

Inspiring Great Spaces™

Armstrong®
CEILING & WALL SYSTEMS
WOODWORKS® Linear
Veneered Planks

ADDITIONAL ATTRIBUTES OF WOODWORKS LINEAR PLANKS

- Standard wood plank in two widths; nominal 4-1/2” and 6” modules, with traditional 3/4” reveal
- Standard factory-applied acoustical fleece
- Install in the ceiling, on the wall, or create 90º angled or curved ceiling-to-wall transitions (one-foot minimum radius)
- Create upturns for continuous visuals and clouds with veneer-wrapped WoodWorks Trim
- Suspension system and planks from one manufacturer; improved for 30-50% faster installation
- California Air Resources Board (CARB) compliant*
- 100% Biobased content certified by USDA BioPreferred® Products program (preferred for government projects)
- Class A Fire Resistance
- Custom veneers and stain matching available; for details, contact TechLine at 1 877 ARMSTRONG
- For unique solutions, contact the You Inspire™ Solutions Center at solutionscenter@armstrong.com
- Suspension system and planks from one manufacturer; improved for 30-50% faster installation

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

Natural Variations™ (Real Wood Veneers)
- Beech (NBE)
- Maple (MMP)
- Light Cherry (NLC)
- Dark Cherry (NDC)
- Oak (NOK)
- Walnut (NWN)
- Walnut Espresso (WWE)
- Patina (BAP)
- Native (BAN)

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

Bamboo (Rapidly Renewable)**
- Bamboo (BAP)

CUSTOM OPTIONS AVAILABLE
Custom veneers available

Pictured on cover: WoodWorks Linear in Natural Variations Light Cherry; Side Street Inn, Honolulu, HI

You can also create beautiful curved looks with a faceted suspension system. Due to its non-standard suspension system, these S-Service items are ordered through TechLine at 1 877 ARMSTRONG.

* Specified in Title 17 California Code of Regulations Section 93120.2a
** Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.
WOODWORKS® Linear
Veneered Planks

LINEAR PLANKS VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item Number *</th>
<th>Dimensions (Inches)</th>
<th>Acoustics NRC</th>
<th>Fire Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WOODWORKS® Linear – Nominal 4-1/2&quot; Module</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6440W1_ _ _</td>
<td>96 x 3-3/4 x 3/4&quot; with 3/4&quot; reveal</td>
<td>0.50</td>
<td>0.65**</td>
</tr>
<tr>
<td></td>
<td>6440W1_ _ _ (FSC®-certified)</td>
<td>96 x 3-3/4 x 3/4&quot; with 3/4&quot; reveal</td>
<td>0.50</td>
<td>0.65**</td>
</tr>
</tbody>
</table>

**WOODWORKS Linear – Nominal 6" Module**

| | 6460W1_ _ _ | 96 x 5-1/4 x 3/4" with 3/4" reveal | 0.40 | 0.50** |
| | 6460W1_ _ _ (FSC-certified) | 96 x 5-1/4 x 3/4" with 3/4" reveal | 0.40 | 0.50** |

* When specifying or ordering, include the appropriate three-letter color suffix (e.g., 6460W1 N M P)

** Adding acoustical infill (item 8200100, 5479, or 5823) for 4-1/2" module increases the NRC to 0.65. Adding acoustical infill (8208100, 5479, 5823) for 6" module increases the NRC to 0.50.

SUSPENSION SYSTEMS

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Dimensions (Inches)</th>
<th>Pieces/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>5370</td>
<td>12' HD Linear Carriers (concealed) with integral clips (factory-applied) for nominal 4-1/2&quot; modules</td>
<td>144 x 15/16 x 1-11/16&quot;</td>
<td>10 (Approx. 240 SF/ctn installed with planks)</td>
</tr>
<tr>
<td>5371</td>
<td>12' HD Linear Carriers (concealed) with integral clips (factory-applied) for nominal 6&quot; modules</td>
<td>144 x 15/16 x 1-11/16&quot;</td>
<td>10 (Approx. 240 SF/ctn installed with planks)</td>
</tr>
</tbody>
</table>

NOTE: For radiused applications, use standard panels and HD Linear Carriers faceted 12° on center with RC2BL clips.

CEILING-TO-WALL TRANSITIONS

WOODWORKS Linear 96" x 3-3/4" in Natural Variations™ Light Cherry finish; Ceiling-to-Wall Faceted Transition

WoodWorks Linear 96" x 3-3/4" in Natural Variations™ Light Cherry finish; Ceiling-to-Wall 90° Angle Transition

TechLine™ 877 ARMSTRONG
armstrong.com/woodworks
WOODWORKS® Linear Veneered Planks

ACCESSORIES

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Dimensions (Inches)</th>
<th>Pieces/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>5843</td>
<td>Linear Wood Panel Splice</td>
<td>—</td>
<td>100</td>
</tr>
<tr>
<td>5659W1 _ _ _</td>
<td>4&quot; WoodWorks® Trim (with aluminum substrate)</td>
<td>4 x 120&quot;</td>
<td>6</td>
</tr>
<tr>
<td>5660W1 _ _ _</td>
<td>6&quot; WoodWorks Trim (with aluminum substrate)</td>
<td>6 x 120&quot;</td>
<td>6</td>
</tr>
<tr>
<td>5948</td>
<td>Linear and Channeled Trim Connector Clip</td>
<td>N/A</td>
<td>30</td>
</tr>
<tr>
<td>RC2BL</td>
<td>Radius Clip for faceted suspension system applications (Black)</td>
<td>—</td>
<td>205 pcs/bucket</td>
</tr>
<tr>
<td>7805BL**</td>
<td>10' Angle Molding (Tech Black)</td>
<td>120 x 1 x 1/2 x 1/2&quot;</td>
<td>30</td>
</tr>
<tr>
<td>7823BL**</td>
<td>10' Shadow Molding (Tech Black)</td>
<td>120 x 2 x 1-1/4 x 3/4&quot;</td>
<td>10</td>
</tr>
<tr>
<td>FXSPLICE</td>
<td>Splice Plate with Setscrews for Trim</td>
<td>N/A</td>
<td>10</td>
</tr>
<tr>
<td>6408 _ _ _</td>
<td>3/4&quot; Edge Banding (factory-applied available upon request)</td>
<td>3/4 x 300&quot;</td>
<td>25 foot roll</td>
</tr>
<tr>
<td>6459BL</td>
<td>Rigid Attachment Clip (Black)</td>
<td>5-1/2 x 1-3/4&quot;</td>
<td>25</td>
</tr>
<tr>
<td>92715A620</td>
<td>Self-tapping Screws (Black)</td>
<td>#2 x 3/4&quot; Length</td>
<td>25</td>
</tr>
<tr>
<td>7891</td>
<td>12 Gauge Hanger Wire</td>
<td>144&quot; Length</td>
<td>140</td>
</tr>
<tr>
<td>8200100</td>
<td>Fiberglass Infill Bag (Black - Gloss)</td>
<td>24 x 24 x 12&quot;</td>
<td>12</td>
</tr>
<tr>
<td>5479</td>
<td>BioAcoustic ™ Infill Panel (Beige - Matte)</td>
<td>24 x 24 x 5/8&quot;</td>
<td>12</td>
</tr>
<tr>
<td>5823</td>
<td>BioAcoustic Infill Panel (Black - Matte)</td>
<td>24 x 24 x 5/8&quot;</td>
<td>12</td>
</tr>
</tbody>
</table>

* When specifying or ordering, include the appropriate three-letter color suffix that coordinates with your WoodWorks ceiling (e.g., 5659W1 B A P)
** This color is a special order item with these moldings.

ACCESSORY DETAILS

Angle Molding (Item 7805BL) Detail

Linear Splice (Item 5843) Detail

Access Panel Assembly

FINISHES

Natural Variations™ Beech (NBE)  Natural Variations Dark Cherry (NDC)  Natural Variations Walnut Espresso (NWE)
Natural Variations Maple (NMP)  Natural Variations Oak (NOK)  Natural Variations Walnut (NWN)
Natural Variations Light Cherry (NLC)  Constants™ Maple (CMA)  Constants Cherry (CCY)
Constants Walnut (CWW)  Redux Wood Wheat (CRW)
Bamboo Patina (BAP)

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 products or to view our FSC certification letter, visit armstrong.com/woodworksfsc. Factory-applied black freeze on each plank to cover the reveal.
| 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.
| Linear wood, as with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern, or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.
| ASTM E119 Classification | Composite – Fire Class A
| Application Considerations | Variation among panels may occur due to the natural characteristics of the wood and grain. It is very important that WoodWorks planks are climatized prior to installation. Relative humidity between 25% and 55% and temperatures between 50°F and 86°F must be maintained.
| Design Consideration | WoodWorks Linear panels are edge banded on the long sides but unfinished on the short ends to make splicing the planks easier. Finished ends are available upon request.

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 Considerations

Installation can use staggered, random joints for a monolithic appearance or consistent lengths for a modular style. For expansion, a 3/4" gap is recommended at every 24 foot run of plank. See installation instructions BPLA-297443 at armstrong.com/installation.

Seismic Restraint

Linear wood has been engineered, tested, and approved for use in all seismic areas.

Warranty

Details at armstrong.com/warranty

Weight/Square Feet

6440, 6640 – 2.88 lbs/SF
6460, 6660 – 2.89 lbs/SF (Bulk packaged)
WOODWORKS® Linear Veneered Panels

ADDITIONAL ATTRIBUTES OF WOODWORKS LINEAR VENEERED PANELS

- Unique tapered planks or traditional wood planks in nominal 4" or 6" width
- Create continuous looks and clouds with veneer-wrapped and painted aluminum trim
- Hook-on panels (for standard 15/16" suspension) provide safe and secure downward accessibility
- Complete standard system from one manufacturer (suspension systems/panels/trim)
- Factory edge banded for superior quality
- California Air Resources Board (CARB) compliant*
- 100% Biobased content certified by the USDA BioPreferred® Product program
- BioAcoustic™ infill available for increased acoustical performance
- Acoustical fleece available as an option
- Class A Fire Resistance

VENEER SELECTION

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

Natural Variations™
(Real Wood Veneers)

- Beech (NBE)
- Maple (NMM)
- Light Cherry (NLC)
- Dark Cherry (NDC)
- Oak (NOK)
- Walnut (NWN)
- Walnut Espresso (NWE)
- Redux Wood Wheat (CRW)

Constants™
(Real Wood Veneers)

- Maple (CMA)
- Cherry (CCY)
- Patina (BAP)
- Native (BAN)

Bamboo
(Rapidly Renewable)**

- Bamboo (RAP)

In addition to these standard options, there may be other sizes and veneers available. Contact TechLine at 1-877-ARMSTRONG for details.

* Specified in Title 17 California Code of Regulations Section 193720.2(a)
** Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.

TechLine™ 877 ARMSTRONG
armstrong.com/woodworks
WOODWORKS® Linear Panels

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item Number*</th>
<th>Description</th>
<th>Dimensions (Inches)</th>
<th>Color</th>
<th>Pieces/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot; Reveal</td>
<td>6690W1</td>
<td>WoodWorks® Concealed Trim**</td>
<td>6 x 120&quot; Nominal Veneers (see below)</td>
<td>N/A</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>6691W1</td>
<td>T-Bar Connector Clip</td>
<td>N/A</td>
<td>N/A</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>6692W1</td>
<td>Tapered planks</td>
<td>24 x 96 x 3/4&quot;</td>
<td>N/A</td>
<td>12</td>
</tr>
</tbody>
</table>

** NRC achieved with BioAcoustic™ infill (item 6657).

† Item 6690 – Features a total of 5 planks that are 4.05" wide with a 3/4" reveal between planks. Panels will have a 3/4" reveal on all sides and ends.

† Item 6691 – Features a total of 4 planks that are 5.75" wide with a 1/4" reveal between planks. Panels will have a 1/4" reveal on all sides and ends.

† Item 6692 – Features a total of 4 planks that are 3.833" wide at one end and 7.666" wide at the other end with a 1/4" reveal between planks and 1/4" reveal on all sides and ends.

APPLIES TO VENEERS, SIZES, AND PERFORATION PATTERNS AVAILABLE AS SPECIAL ORDER, CALL TECHLINE AT 1-877-ARMSTRONG.

FINISHES

| Natural Variations™ Beech (NBE) | Natural Variations Dark Cherry (NDC) | Natural Variations Walnut Espresso (NWE) | Constants™ Maple (CMA) | Constants Cherry (CCY) | Constants Walnut (CWA) | Bamboo Patina (BAP) | Bamboo Native (BAN) |

FINISHES

SUSPENSION SYSTEMS

15/16" Standard: Prelude® BL (Tech Black)

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Dimensions (Inches)</th>
<th>Pieces/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>5986</td>
<td>T-Bar Hook¹</td>
<td>Nominal 4 x 2 x 3&quot;</td>
<td>50</td>
</tr>
<tr>
<td>7123PKG300</td>
<td>Wood Screws</td>
<td>5/8&quot;</td>
<td>300</td>
</tr>
<tr>
<td>6091</td>
<td>Safety Cable</td>
<td>24&quot; x 3/32&quot;</td>
<td>50</td>
</tr>
<tr>
<td>SH12</td>
<td>Support Hanger</td>
<td>144 x 2&quot;</td>
<td>12</td>
</tr>
</tbody>
</table>

¹ For a 24" x 96" panel, install eight hooks. NOTE: Three screws per hook. NOTE: Refer to installation instructions at armstrong.com/installation for a better understanding of suspension system requirements.

PHYSICAL DATA

Material
FSC-certified fire retardant particle board with face-cut veneers (SW-COC-003801). For more information about FSC-certified products or to view our FSC certification letter, visit armstrong.com/woodworksfsc.

603 – Face-cut veneer or black paint on aluminum laminate substrate

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.

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armstrong.com/woodworks

ARMSTRONG
Calculate LEED contribution at armstrong.com/greengenie

Warranty Details at armstrong.com/warranty

Weight/Square Feet
6690, 6691, 6692 – 2.75 lbs/SF, bulk packed per order. Suspension system, hardware, and accessories ordered separately.
WOODWORKS® Linear Panels

HOW TO INSTALL WOODWORKS® LINEAR VENEERED PANELS

Step 1: Select Panel
Pre-drilled holes for T-Bar Hooks

24” x 96” Panel

Step 2: Order T-Bar Hooks and Screws Based on Panel Size

<table>
<thead>
<tr>
<th>Panel Size</th>
<th>Number of Hooks Needed</th>
<th>Number of Screws Needed*</th>
</tr>
</thead>
<tbody>
<tr>
<td>24” x 96”</td>
<td>8</td>
<td>24</td>
</tr>
</tbody>
</table>

*3 screws per hook

Step 3: Install Hooks on Panels

Step 4: Install Panels

A. B. C.

HOW TO INSTALL TRIM

Step 1: Cut and Miter Trim

Step 2: Attach Clips to Ends of Main Beams and Cross Tees

Step 3: Attach Trim to Clips

Step 4: Install Splice Plates

Step 5: Install Panels

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WOODWORKS® Linear
Solid Wood Panels

ADDITIONAL ATTRIBUTES OF WOODWORKS LINEAR SOLID WOOD PANELS

- Two plank widths – nominal 3” and nominal 5” – in four rich finishes and White
- Fast, easy installation – screw into suspension system or install with backer clip
- Create continuous looks and clouds with solid wood trim
- Complete standard system from one manufacturer
- BioAcoustic™ infill available for increased acoustical performance
- Acoustical fleece available as an option

FINISH SELECTION

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

Natural Variations™
(Real Wood Veneers)

Grille White (GWH)
Grille Maple (GMP)
Grille Light Cherry (GLC)
Grille Dark Cherry (GDC)
Grille Walnut (GWN)

In addition to these standard options, there are more finish and size choices available as custom options. Contact TechLine at 1 877 ARMSTRONG for details.

TechLine™ 877 ARMSTRONG
armstrong.com/woodworks
WOODWORKS® Linear
Solid Wood Panels

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item Number*</th>
<th>Description</th>
<th>Dimensions¹ (Inches) Nominal W x L x H</th>
<th>Acoustics NRC*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6693W1</td>
<td>Nominal 3” wide planks</td>
<td>12 x 96 x 3/4”</td>
<td>0.60</td>
</tr>
<tr>
<td></td>
<td>6694W1</td>
<td>Nominal 5” wide planks</td>
<td>12 x 96 x 3/4”</td>
<td>0.50</td>
</tr>
</tbody>
</table>

¹ NRC achieved with acoustical infill (Item 6657).

* When specifying or ordering, include the three-letter color suffix that coordinates with your WoodWorks ceiling: (e.g., 6693W1 G M P).

‡ Item 6693 – Features a total of 3 planks that are 3.25” wide with a 3/4” reveal between planks. Panels will have a 3/4” reveal on sides.

Item 6694 – Features a total of 2 planks that are 5.25” wide with a 3/4” reveal between planks. Panels will have a 3/4” reveal on sides.

ACCESSORIES

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Dimensions (Inches) Nominal W x L x H</th>
<th>Color</th>
<th>Pieces/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>7146 *</td>
<td>Solid Wood Trim</td>
<td>4 x 120 x 3/4”</td>
<td>See Finishes Below</td>
<td>Bulk</td>
</tr>
<tr>
<td>5687</td>
<td>Backer Clip</td>
<td>3/8 x 11/16 x 7/8”</td>
<td>N/A</td>
<td>250 pcs/pail</td>
</tr>
<tr>
<td>5671 *</td>
<td>Ledger</td>
<td>1 x 96 x 1/4”</td>
<td>See Finishes Below</td>
<td>Bulk</td>
</tr>
<tr>
<td>7891</td>
<td>12 Gauge Soft Hanger Wire</td>
<td>144” Length</td>
<td>N/A</td>
<td>140</td>
</tr>
<tr>
<td>92715A620</td>
<td>Self-tapping Screws</td>
<td>#2 x 3/4” Length</td>
<td>Black</td>
<td>25</td>
</tr>
<tr>
<td>6657</td>
<td>BioAcoustic™ Infill Panel</td>
<td>11 x 48 x 5/8”</td>
<td>Black (Matte)</td>
<td>10</td>
</tr>
</tbody>
</table>

* When specifying or ordering, include the three-letter color suffix that coordinates with your WoodWorks ceiling: (e.g., 5671 G M P).

† Backer clip should only be used when installing panels with 3” wide nominal planks.

FINISHES

<table>
<thead>
<tr>
<th></th>
<th>Grille White (GWH)</th>
<th>Grille Maple (GMP)</th>
<th>Grille Light Cherry (GLC)</th>
<th>Grille Dark Cherry (GDC)</th>
<th>Grille Walnut (GWN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall and Ceiling Finishes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SUSPENSION SYSTEMS

15/16” Prelude® XL® (Black recommended)

Wood is a natural product and will exhibit natural variations in color, grain, and texture, and knot holes of up to 1/2” in diameter.

PHYSICAL DATA

Material
Planks and Backers – Solid Poplar (yellow or hybrid)

Surface Finish
Clear or tinted semi-gloss coating on all finishes except Grille White (GWH). Grille White (GWH) has a lacquer finish.

Fire Performance
Solid Hardwood Blades and Backers – ASTM E84 surface burning characteristics. Flame Spread Index 200 or less. Smoke Developed Index 450 or less.

Class A intumescent treatment is available for all finishes EXCEPT Grille White (GWH).

Fire performance will vary between wood species.

Composite Linear Solid Wood Panels product testing has not been completed, since results will vary on a project-by-project basis. Contact TechLine at 1 877 ARMSTRONG for details.

WoodWorks Linear Solid Wood Panels, as with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern, or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain.

Design Considerations
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.

Installation Consideration
System is designed to have a 1” gap between panels. Backer clip can only be used for installations of the panel with 3” nominal planks (Item 6693).

Backer clip should only be used when installing panels with 3” wide nominal planks.

Seismic Restraint
WoodWorks Linear Solid Wood Panels have been engineered, tested, and approved in all seismic areas.

Warranty
Details at armstrong.com/warranty

Weight; Square Feet/Carton
6693 – 1.25 lbs/SF
6694 – 1.25 lbs/SF (Bulk packaged)