You Can Use Acoustical Walls to Enhance Design and Acoustical Performance

Acoustical absorption is important to:
- Reduce noise levels and reverberation time
- Enhance speech intelligibility

Acoustical wall treatments offer an additional option to further reduce noise. Measures for walls are stated in STC and NRC values. Adding wall treatments to an acoustical ceiling can improve reverberation time by 87%. See example below.

### STC (Sound Transmission Class)
A measure for rating the performance of a wall system as a barrier to airborne sound transmission between adjacent closed spaces such as offices.

A wall system with an STC < 35 is considered low performance, whereas one with an STC > 50 is considered high performance. STC is the wall equivalent of CAC. STC is measured according to ASTM E90.

### NRC (Noise Reduction Coefficient)
A measure for rating the overall sound absorption of a material when used in an enclosed architectural space such as an office, where sound is reflected at many angles of incidence.

A wall system with an NRC < 0.50 is considered low performance, whereas one with NRC > 0.70 is considered high performance.

#### Example:

<table>
<thead>
<tr>
<th>320 SF Closed Conference Room (20' x 16'), 10' ceiling height, drywall, vinyl floor</th>
<th>No Treatment (Drywall Ceiling)</th>
<th>Acoustical Ceiling (Ultima® 0.70/35)</th>
<th>Acoustical Ceiling (Ultima 0.70/35) and two Soundsoak® 60 Walls</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRC</td>
<td>0.10</td>
<td>0.70</td>
<td>0.70 (Ceiling and Wall Treatments)</td>
</tr>
<tr>
<td>Shared Wall STC</td>
<td>35</td>
<td>35</td>
<td>45</td>
</tr>
<tr>
<td>Reverberation Time</td>
<td>2.3 sec</td>
<td>0.5 sec</td>
<td>0.3 sec</td>
</tr>
<tr>
<td>RT Improvement</td>
<td>ref</td>
<td>78%</td>
<td>87%</td>
</tr>
<tr>
<td>SPL Reduction</td>
<td>ref</td>
<td>-4.8 dB</td>
<td>-7.5 dB</td>
</tr>
</tbody>
</table>

For definitions of acoustical terms, see Pgs. 546-547 in this catalog.
WALLS
At-a-Glance

TECTUM® WOOD FIBER – WALLS – STANDARD & CUSTOM

TECTUM®
Direct-Attach Wall Panels

TECTUM®
Fabric Wall Panels

TECTUM®
Finalé™ Wall Panels

TECTUM® Panel Art Wall Panels

SOUNDSOAK® FABRIC WALLS – STANDARD & CUSTOM

Standard Fabrics – FR-701® (FR)
Fabrics are dye-lotted and should be segregated by dye lot. Do not mix.

Composed Fabric Surface – Rhythms® (RH)

Woven Fabric Surface – Lido™ (LD)
Fabrics are dye-lotted and should be segregated by dye lot. Do not mix.

Anchorage™ (AN)

Vinyl Surface – Signature (SV)
Mineral Fiber Substrate only

Custom Fabrics & Sizes – You select it, we’ll make it!
Choose a standard fabric or select your own.
We’ll create your walls.

armstrongceilings.com/customsoundsoak

NOTE: Standard SoundSoak® panel item numbers include references to size, fabric, and substrate. Consult your price list or contact TechLine for assistance with identifying item numbers.

Armstrong
TechLine 877 276-7876
armstrongceilings.com/walls

FR-701®, Anchorage, Lido, and Metallation are trademarks of Guildford of Maine.
TEXTURED SCRIM WALLS – STANDARD

Standard Color

White (WH)

Standard Colors


ICON KEY

Icons are used throughout the catalog to help you quickly identify key products with high level of performance.

High Acoustics

Acoustical options available.

Product has NRC (Noise Reduction Coefficient) 0.70 or greater.

Fire Performance

Class A

High Durability

Washability

Offers superior wash resistance without compromising panel finish integrity, using a washability tester as per ASTM D4828.

Scrubbability

Product is scrubbable. See specific info on product page.

Impact Resistance

Excellent resistance to surface impact as per Falling Ball Test.

Scratch Resistance

Excellent resistance to surface scratching, scuffing, or chipping as per Hess Rake Test.

Soil Resistance

Excellent resistance to dirt and/or grease for lasting value and performance.

Color Availability

Available in color.

Recycle Program

Product is recyclable through the Armstrong Recycling Program

Sustainability

Product is part of Sustain® Portfolio and meets the most stringent sustainability compliance standards today – 1” panels in White and Natural only.

METAL WALLS – CUSTOM

Custom Metal Walls

Standard Colors – Metal

White (WH)  Silver Grey (SG)  Gun Metal Grey (MY)  Custom Colors Available

Patterns

Spun Copper (TSC)  Crushed Copper (TCC)

TRANSLUCENT PARTITIONS AND WALLS – STANDARD

Standard Colors – Solids (partial list) 

(See pages 460 for full color offering.)

Refined Kiwi (TRK)  Refined Reef (TRR)  Refined Lagoon (TRL)  Refined Plum (TRP)  Refined Tangerine (TRT)  Refined Black (TRB)

Patterns

Spun Copper (TSC)  Crushed Copper (TCC)
## WALLS

### Wood Walls – Standard & Custom

<table>
<thead>
<tr>
<th>Standard Walls</th>
<th>Pgs. 520-521</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channeled Walls</td>
<td>Pgs. 522-523</td>
</tr>
<tr>
<td>Ekos® System</td>
<td>Pgs. 524-525</td>
</tr>
</tbody>
</table>

### Standard Finishes – Natural Variations™

- Maple (NMP)
- Light Cherry (NLC)
- Dark Cherry (NDC)
- Walnut (NWN)
- Oak (NOX)
- Walnut Espresso (NWE)

### Constants™

- Maple (NMP)
- Light Cherry (NLC)
- Dark Cherry (NDC)
- Walnut (NWN)
- Oak (NOX)
- Walnut Espresso (NWE)

### Custom Finishes (partial list)

- Cherry Plain Sliced
- White Oak Plain Sliced
- Angre Quartered
- Black Walnut Quartered
- African Mahogany Plain Sliced
- Maple Quartered
- Cherry Quartered
- Teak Quartered

### Woodworks Ceiling-to-Wall Transitions

<table>
<thead>
<tr>
<th>Wall Planks</th>
<th>Pgs. 522-523</th>
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<tbody>
<tr>
<td>Grille Wall-to-Ceiling</td>
<td>Pgs. 238-239</td>
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<tr>
<td>Linear Planks Wall-to-Ceiling</td>
<td>Pgs. 248-249</td>
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<tr>
<th>Custom Walls</th>
<th>Pg. 531</th>
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<tr>
<td>Custom Walls</td>
<td>Pg. 531</td>
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**RECOMMENDED AREAS OF USE**

Dots represent high level of performance.

<table>
<thead>
<tr>
<th>Product</th>
<th>Substrate</th>
<th>Panel Thickness</th>
<th>Finish</th>
<th>A Mounting</th>
<th>D-20 Mounting</th>
<th>C-20 Mounting</th>
<th>C-40 Mounting</th>
<th>1 Side</th>
<th>2 Sides</th>
<th>Cont. Rooms</th>
<th>Private Offices</th>
<th>Classrooms</th>
<th>Corridors</th>
<th>Cafeteria</th>
<th>Music Rooms</th>
<th>Patient Rooms</th>
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<td>Wood Fiber Cementitious Fabric</td>
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<td>1-1/2&quot;</td>
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<td>Soundsoak® 60 Pgs. 517-518</td>
<td>Mineral Fiber Woven Fabric Composed Fabric</td>
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<td>Soundsoak® 85 Pgs. 517-518</td>
<td>Fiberglass Woven Fabric Composed Fabric</td>
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<td>Soundsoak® Custom 1&quot; Pgs. 517-518</td>
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<td>Soundsoak® Custom 2&quot; Pgs. 517-518</td>
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<tr>
<td>Optima™ Pg. 519</td>
<td>Fiberglass DuraBrite™ Finish</td>
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<td>Painted Nubby Pg. 519</td>
<td>Fiberglass Woven Cloth</td>
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<td>SoundScapes™ Shapes Pg. 519</td>
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<tr>
<td>Custom Metal Pg. 530</td>
<td>Metal Smooth Metal Varies</td>
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<td>WoodWorks® Standard &amp; Custom Pgs. 520-521, 531</td>
<td>Wood Smooth or Perforated Wood Veneer</td>
<td>–</td>
<td>–</td>
<td>0.45-0.80</td>
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<td>WoodWorks® Ekos® Pgs. 524-525</td>
<td>Wood Smooth or Perforated Wood Veneer</td>
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</table>

† With 1" fiberglass infill and fleece
TECTUM® Direct-Attach
Ceiling & Wall Panels
coarse texture

Tectum® Direct-Attach ceiling and wall panels provide durable, sustainable, acoustical options for a wide variety of applications.

KEY SELECTION ATTRIBUTES
- Now you can install 1” thick Tectum® on Trusses and I-Beams for added acoustics while maintaining an exposed structure visual on the deck
- Tectum panels are Living Product Imperative Certified by the International Living Future Institute – 1” panels in White and Natural only
- Tectum panels are part of the Sustain® portfolio and meet the most stringent sustainability compliance standards today – 1” panels in White and Natural only
- Now, long edges beveled, short edges beveled available as a standard option
- Great retrofit solution for noise reduction
- Excellent noise absorption – NRC up to 0.85 (1” panel, C-40 Mounting)
- Can be field painted up to 6 times without impacting acoustic or fire performance
- Variety of made-to-order color options available
- Can be mechanically fastened to a wide variety of surfaces including masonry, drywall, wood, trusses, I-Beams, and more
- Can be mechanically fastened to a wide variety of surfaces including masonry, drywall, wood, trusses, I-Beams, and more

COLORS
- White (TWH)
- Natural (TNA)
- Custom Colors Available

DETAILS
1. Tectum® Direct-Attach Panel in White
2. Tectum® Direct-Attach Panels in White

NOTE: Standard panel edges are unfinished. Painted panel edges available through special order. Custom color panel edges are fully painted.

TYPICAL APPLICATIONS
- Gymnasiums
- Auditoriums
- Multi-purpose Spaces
- Exposed Structures
- Acoustical Retrofits
- Education Spaces
- Covered Exterior Applications* (1-1/2” and 2” thick panels only)
- Indoor Swimming Pools* (1-1/2” and 2” thick panels only)

* Must maintain 1” air gap behind panel

LINE DESIGN CAPABILITIES
Max panel size for line designs is 2’ x 4’. Custom line designs available. Contact Architectural Specialties for more information.

- Diagonal Right Line-Design Panel
- Diagonal Left Line-Design Panel
- Horizontal Line-Design Panel
- Vertical Line-Design Panel
- Diamond Line-Design Panel
- Grid Line-Design Panel

due to printing limitations, shade may vary from actual product.
TECTUM® Direct-Attach Ceiling & Wall Panels
coarse texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions Nominal W x L x H (Inches)</th>
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<tbody>
<tr>
<td>TECTUM® Direct-Attach Ceiling &amp; Wall Panels (FSC® Certified)</td>
<td>8182T10</td>
<td>23-3/4 x 48 x 1”</td>
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<tr>
<td>Long Edges Beveled/Short Edges Square</td>
<td>8181T10</td>
<td>23-3/4 x 96 x 1”</td>
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<td>Short Edges Beveled/Long Edges Beveled</td>
<td>8180T10</td>
<td>47-3/4 x 96 x 1”</td>
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<td>Long Edges Beveled/Short Edges Beveled</td>
<td>8175T10</td>
<td>23-3/4 x 48 x 1”</td>
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<td>23-3/4 x 96 x 1”</td>
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<td>Short Edges Beveled/Long Edges Beveled</td>
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<td>47-3/4 x 96 x 1”</td>
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<td>Other Size Panels</td>
<td>W 23-3/4” – 48” L: 12” – 144” 1”, 1-1/2”, or 2” thickness</td>
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* When specifying or ordering, include the appropriate 3-digit color suffix TNA = Natural; TWH = White (e.g. 8182T10 TWH)

** NOTE: Four-sided beveled edge panels are recommended in adjoining panel installations.

PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>Fire Rating (White Only)</th>
<th>Light Reflect</th>
<th>Mold &amp; Mildew Protection</th>
<th>Sag Resist</th>
<th>Fire Rated</th>
<th>VOC Emissions</th>
<th>Impact</th>
<th>Scratch</th>
<th>90 Min. Fire Wall</th>
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<td>Class A Up to 0.75</td>
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ACOUSTICAL INFORMATION

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<th>NRC</th>
<th>Mounting Method</th>
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<td>A</td>
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<tr>
<td></td>
<td>0.45</td>
<td>D-20</td>
</tr>
<tr>
<td></td>
<td>0.60</td>
<td>C-20</td>
</tr>
<tr>
<td></td>
<td>0.80</td>
<td>C-20</td>
</tr>
<tr>
<td></td>
<td>0.85</td>
<td>C-40</td>
</tr>
<tr>
<td>1-1/2”</td>
<td>0.55</td>
<td>A</td>
</tr>
<tr>
<td></td>
<td>0.65</td>
<td>D-20</td>
</tr>
<tr>
<td></td>
<td>0.90</td>
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</tr>
<tr>
<td></td>
<td>0.95</td>
<td>C-40</td>
</tr>
<tr>
<td>2”</td>
<td>0.60</td>
<td>A</td>
</tr>
<tr>
<td></td>
<td>0.70</td>
<td>D-20</td>
</tr>
<tr>
<td></td>
<td>0.95</td>
<td>C-20</td>
</tr>
<tr>
<td></td>
<td>1.00</td>
<td>C-40</td>
</tr>
</tbody>
</table>

I-Beam Application: 3.8 Sabins per 2’ x 4’ Tectum panel
Truss Application: 2.9 Sabins per 2’ x 4’ Tectum panel

ACOUSTICAL MOUNTING METHODS

Mounting A

Mounting D-20

Mounting C-20

Mounting C-40

ACCESSORIES

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1222</td>
<td>Truss Fastening Kit – Field Paintable</td>
<td>20/ctn</td>
</tr>
<tr>
<td>1222WH</td>
<td>Truss Fastening Kit White</td>
<td>20/ctn</td>
</tr>
<tr>
<td>1222BL</td>
<td>Truss Fastening Kit Black</td>
<td>20/ctn</td>
</tr>
<tr>
<td>8187L16</td>
<td>#6 x1-5/8” Painted Head – Sharp point Screws</td>
<td>1000/ctn</td>
</tr>
<tr>
<td>8188L16</td>
<td>#6 x1-5/8” Painted Head – Drill point Screws</td>
<td>1000/ctn</td>
</tr>
<tr>
<td>8189L22</td>
<td>2-1/4” Painted Head – CMU Screws</td>
<td>500/ctn</td>
</tr>
</tbody>
</table>

* When specifying or ordering, include the appropriate 3-digit color suffix TNA = Natural; TWH = White (e.g. 8187L16 TWH)

Consult installation instructions for fastener guidance.

NOTE: Projects may require alternative screw lengths and types depending on site conditions. Please consult installation instructions for guidance.

EDGE DETAIL RECOMMENDATIONS

NOTE: Use Beveled Edge/Square End panels for all adjoining panel installations.

NOTE: Stacked bond patterns are possible, but not recommended. Field trimming panels may be required to achieve desired fit and alignment.

NOTE: Use Beveled Edge/Beveled End panels for all adjoining panel installations.
**TECTUM® Direct-Attach**

Ceiling & Wall Panels

coarse texture

---

**PHYSICAL DATA**

- **Material**
  - FSC® Certified
  - Cementitious Wood Fiber; FSC®-certified (CDC-003601).

- **Surface Finish**
  - Factory-applied latex paint with Silicate surface coating for abuse resistance. Natural is unpainted.

- **Fire Performance**
  - Class A per BIC, Flame Spread Index 25 or less and Smoke Developed Index 50 or less when tested in accordance with ASTM E84.

- **VOC Emissions**
  - CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less and Smoke Developed Index of 50 or less.

- **Design Considerations**
  - For walls that may experience condensation or moisture, such as uninsulated exterior walls, D- or C- mounting is required to create a gap between the structure and the panel. Max panel size for Truss and I-Beam application is 2’ x 4’ x 1”.
  - Project management assistance is available by calling TechLine at 1 877 276-7876.
  - Max panel size for Truss and I-Beam application is 2’ x 4’ x 1”.

- **Seismic Restraint**
  - Tectum Direct-Attach panels are approved for application in all seismic areas when installed per the seismic guidelines in the Armstrong Ceilings Installation Instructions.

- **Warranty**
  - 30-Year Warranty. Details at armstrongceilings.com

**Humidity/Sap Resistance**

HumilBoard® Plus performance panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

**Mold/Mildew Protection**

Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

**Installation Considerations**

Panels must be mechanically attached to approved substrate per installation instructions. To achieve proper finished visual appearance, four-sided beveled edge panels are recommended in adjoining panel installations.

Use caution and wear appropriate hand, eye, and dust mask protection when cutting and installing Tectum® panels. Refer to installation instructions for complete details and cutting recommendations.

Use caution and wear appropriate hand, eye, and dust mask protection when cutting and installing Tectum® panels. Refer to installation instructions for complete details and cutting recommendations.

**Primary (Embodied) Energy**

See all LCA information on our EPDs.

**Application Considerations**

Color variation among panels is common due to the natural characteristics of the wood on White and Natural panels.

Wood fibers may appear orange on Natural colored panels due to the characteristics of the wood.

---

**Truss Fastening Kit**

- 4" Max Truss Width

---

**30-Year Warranty. Details at armstrongceilings.com**
TECTUM® Finale™
Acoustical Custom Wall Panels
coarse texture

Tectum® Finale™ high NRC wall panels provide durable, sustainable, acoustical options for a wide variety of applications.

KEY SELECTION ATTRIBUTES

- Composite panel design combines Tectum® panel and acoustical absorptive material in one for maximum sound control and efficient installation
- Excellent Noise Absorption NRC up to 1.0 for maximum sound absorption (1" panels)
- Panel sizes in 1", 1-1/2", and 2" thickness; widths: 23-3/4" to 47-3/4"; lengths: 48" to 144"

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

DETAILS

Product | Panel Thickness | Acoustics | Weight (Sq. Ft)
--- | --- | --- | ---
Finale™ Ceiling & Wall Panels | 1" + 1" – 2" | 0.75 | 3.00 lbs/SF
| 1-1/2" + 1" – 2-1/2" | 0.80 | 3.50 lbs/SF
| 2" + 1-3" | – | 4.00 lbs/SF
Tectum® Fabric Walls help control noise and are ideal in open-plan, mixed use spaces.

**KEY SELECTION ATTRIBUTES**

- Abuse-resistant, fabric wrapped panels attach directly to walls
- Excellent Noise Absorption – NRC up to 0.90
- Panel sizes in 1”, 1-1/2”, or 2” thickness; widths: 23-3/4” to 47-3/4”; lengths: 48” to 120”
- Tackable panels can be used for bulletin/display boards
- Mounting is quick and easy using internal spline system
- Long lasting, durable fabric options available
- Fabric wrapped to kerf, edges unfinished

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

<table>
<thead>
<tr>
<th>Product</th>
<th>Panel Thickness</th>
<th>A Mounting</th>
<th>D-20 Mounting</th>
<th>C-40 Mounting</th>
<th>Weight (Sq. Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fabric Walls</td>
<td>1”</td>
<td>0.50</td>
<td>0.60</td>
<td>0.90</td>
<td>1.63 lbs/SF</td>
</tr>
</tbody>
</table>

See more photos at: armstrongceilings.com/photogallery
TECTUM® Fabric Walls
Acoustical Custom Wall Panels

HYTEX® OEM COLLECTION

HYTEX® RIB

Trullo

Bambu'

Ripple

Ivory Mist Cream Sandalwood Chinese Coral Moss Green Silver Taffy Putty Charcoal Powder Marble Taupe

Faun Emerald Flagstone Navy Pumice Sage Black Ocher Froth Parchment Gunmetal Grey Hazey Day Antique

Sumatra Beach Agean Oyster Shell Slate Amber Sapphire Bloodstone Ruby Lichen Butternut Tree Cocoa Camouflage Champagne

Ivory Coast Parchment Gunmetal Grey Amber Flagstone Chamois Pebble Cocoa Pear Wheat

Ivory Taffy Flagstone Nuggets Mushroom Ocher Taupe Beach Thunder Alabaster

Ivory Coast Parchment Gunmetal Grey Amber Flagstone Wheat Chamois Pebble Cocoa Pear
### TECTUM® Fabric Walls
Acoustical Custom Wall Panels

<table>
<thead>
<tr>
<th>Wheat</th>
<th>Eggshell</th>
<th>Wedgewood</th>
<th>Baltic</th>
<th>Crystal Blue</th>
<th>Grey Mix</th>
<th>Medium Grey</th>
<th>Quartz</th>
<th>Aquamarine</th>
<th>Rose Quartz</th>
<th>Opal</th>
<th>Cherry Neutral</th>
<th>Blue Neutral</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green Neutral</td>
<td>Vanilla Neutral</td>
<td>Apricot Neutral</td>
<td>Lavender Neutral</td>
<td>Silver Neutral</td>
<td>Black</td>
<td>Ciel Accente</td>
<td>Cobalt</td>
<td>Cinnabar</td>
<td>Pumice</td>
<td>Amethyst</td>
<td>Buff</td>
<td>Blue Spruce</td>
</tr>
<tr>
<td>Eucalyptus</td>
<td>Ultramarine</td>
<td>Steel Grey</td>
<td>Sienna</td>
<td>Pearl</td>
<td>Bayberry</td>
<td>Silver Paper</td>
<td>Blue Paper</td>
<td>Bronze</td>
<td>Chrome Green</td>
<td>Blue Plum</td>
<td>Deep Burgundy</td>
<td>Verde Papier</td>
</tr>
<tr>
<td>Straw</td>
<td>Bone</td>
<td>Dune</td>
<td>Cement Mix</td>
<td>Terra</td>
<td>Lilac</td>
<td>Violet</td>
<td>Light Moss</td>
<td>Leaf</td>
<td>Lake</td>
<td>Stream</td>
<td>Desert Sand</td>
<td>Earth</td>
</tr>
<tr>
<td>Chocolate</td>
<td>Coin</td>
<td>Flannel</td>
<td>Moleskin</td>
<td>Sunshine</td>
<td>Iris</td>
<td>Red</td>
<td></td>
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</table>

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Hytex® is a registered trademark of Hytex Industries, Inc.
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Printed in the United States of America
TECTUM® Panel Art
Custom Wall Panels
coarse texture

Tectum® Panel Art wall panels offer unlimited design flexibility and easy installation.

KEY SELECTION ATTRIBUTES

- Tectum® panels are Living Product Imperative Certified by the International Living Future Institute – 1" panels in White and Natural only
- Eight shapes and custom options available
- Choose from 1", 1.5", and 2" panel thickness: create your own custom shapes from panels up to 48" x 48"
- Noise absorption – NRC 0.40 (1" panel)
- Available in White, Natural, and custom colors
- Abuse resistant for active spaces
- All panels have beveled edges
- Can be mechanically fastened to a wide variety of surfaces including masonry, drywall, wood, and more

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

SHAPES
Examples of custom options

CAD/Revit® drawings at:
armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery
SOUNDSOAK®
Standard and Custom
Acoustical Wall Systems

Custom Soundsoak® Wall Panels

Easy-to-install wall system, available in a variety of fabrics and a wide range of sizes and custom options.

KEY SELECTION ATTRIBUTES – STANDARD

• Available in two substrates
• Acoustical Wall System with an inner core absorbs 50-90% of sound striking surface
• 3 to 6 times the sound absorption of fabric-covered gypsum
• Wide variety of chair rail accessories for design and durability
• Coordinate finishes with Soundsoak® Baffles (Pg. 80)
• Full standard finish offering at armstrongceilings.com/soundsoak

KEY SELECTION ATTRIBUTES – CUSTOM

• Custom fiberglass panels up to 48” wide and 120” high on 1/2” – 4” fiberglass, in 1/2” increments
• Tackable options including 5/8” thick mineral fiber panels that will sit flush with door frames – perfect for offices and corporate environments
• Variety of impact resistant acoustical wall panels available for high-traffic and high-abuse areas
• Convex and concave curved panels in up to 48” x 120” sizes

STANDARD FABRICS
FR-701® (FR)

- Blue Neutral (BR)
- Black (BL)
- Blue Paper (BP)
- Straw (ST)
- Terra (TR)
- Ultramarine (UM)
- Blue Plum (BP)
- Wheat (WE)

- Cherry Neutral (CN)
- Crystal Blue (CB)
- Eucalyptus (E)
- Silver Neutral (SN)
- Blue Spruce (BS)
- Grey Mix (GM)
- Leaf (LE)
- Opal (OP)

- Bone (BN)
- Deep Burgundy (DB)
- Violet (V)
- Quartz (QZ)
- Silver Paper (SP)
- Cement Mix (CM)

Fabrics are dye-lotted and should be segregated by dye lot. Do not mix.

WOVEN FABRIC SURFACE

Lido™ (LD)

- Bryce Canyon (BC)
- Balboa (BA)
- Hermosa (HE)
- Oak Bluffs (OB)

Anchorage™ (AN)

- Angora (AG)
- Vanilla (VN)
- Goose (GS)
- Birch (BR)

Metallation™ (MT)

- Chrome (CH)
- Polished Pewter (PP)
- Stainless (ST)
- Stone Pipe (SP)
- Welded Steel (WS)

Spinel™ (SP)

- Opal (OP)
- Sandstone (SS)

Colored fabrics are dye-lotted and should be segregated by dye lot. Do not mix.

NOTE: Standard SoundSoak® panel item numbers include references to size, fabric, and substrate. Consult your price list or contact TechLine for assistance with identifying item numbers.
**SOUNDSOAK®**
Standard and Custom Acoustical Wall Systems

**VISUAL SELECTION** For Soundsoak corners, chair rails, and moldings, see Pgs. 528-529.

<table>
<thead>
<tr>
<th>Product</th>
<th>Item No.</th>
<th>Substrate</th>
<th>Finish</th>
<th>Panel Type</th>
<th>Dimensions</th>
<th>Panel Width</th>
<th>Panel Height</th>
<th>Panel Thickness</th>
<th>Surface Type*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soundsoak 60</td>
<td>40 _ 0 _ _</td>
<td>Mineral Fiber</td>
<td>Woven Fabric Composed Fabric</td>
<td>SS 60 Woven</td>
<td>30&quot;</td>
<td>72&quot;, 96&quot;, 108&quot;, 120&quot; (06) (08) (09) (10)</td>
<td>3/4&quot;</td>
<td>W: FR, AN, MT, LD, SP</td>
<td></td>
</tr>
<tr>
<td>Soundsoak 85</td>
<td>32 _ 1 _ _</td>
<td>Fiberglass</td>
<td>Woven Fabric Composed Fabric</td>
<td>SS 85</td>
<td>24&quot;</td>
<td>72&quot;, 96&quot;, 108&quot;, 120&quot; (06) (08) (09) (10)</td>
<td>1&quot;</td>
<td>W: FR, AN, MT, LD, SP, RH</td>
<td></td>
</tr>
</tbody>
</table>

* FR-701® (FR), Lido™ (LD), Spiral™ (SP), Metallation™ (MT), Anchorage™ (AN), Rhythms® (RH)
* When specifying or ordering, add panel height, surface type, and color.

**EXAMPLES:**

<table>
<thead>
<tr>
<th>Panel Type:</th>
<th>Surface Type:</th>
<th>Color:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS 60 Woven</td>
<td>FR-701</td>
<td>Blue Neutral</td>
</tr>
<tr>
<td>Window</td>
<td>Bevel</td>
<td>Full Bevel</td>
</tr>
<tr>
<td>Window</td>
<td>1/2 Kerf</td>
<td>Kerf</td>
</tr>
<tr>
<td>Window</td>
<td>Kerf</td>
<td>Kerf</td>
</tr>
</tbody>
</table>

**CUSTOM FABRICS (PARTIAL LIST)** Due to printing limitations, shade may vary from actual product.

**NOTE:** Custom Soundsoak is also available in all standard woven Soundsoak fabrics. Choose from a large selection of panel fabrics and vinyls from manufacturers like: Guilford of Maine, Hytex, Carnegie, Koroseal, Maharam, Knoll, Designtex.

**Carnegie**

<table>
<thead>
<tr>
<th>Align</th>
<th>Damask</th>
<th>Emboss</th>
<th>Flux</th>
<th>Nexus</th>
<th>Porto</th>
<th>Style</th>
</tr>
</thead>
</table>

**HYTEX®**

<table>
<thead>
<tr>
<th>Barrista</th>
<th>Cayenne</th>
<th>Lava</th>
<th>Wisteria</th>
<th>Aspen Gold</th>
<th>Nevada Sand</th>
</tr>
</thead>
</table>

**DESIGN TEX**

<table>
<thead>
<tr>
<th>Canvas</th>
<th>Crew</th>
<th>Cut to Chase</th>
<th>Fastrot</th>
<th>Pick Up Sticks</th>
<th>Plateau</th>
</tr>
</thead>
</table>

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**PHYSICAL DATA**

<table>
<thead>
<tr>
<th>Fire Performance</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tested to ASTM E84 – 25/200</td>
<td>Details at armstrongceilings.com</td>
</tr>
<tr>
<td>Tested to CAN/ULC S102 – 25/250 Composite</td>
<td></td>
</tr>
<tr>
<td>Class A rating per IBC (fabric, substrate, and adhesive)</td>
<td></td>
</tr>
</tbody>
</table>

For more details on Soundsoak fire performance, visit our web site at armstrongceilings.com/soundsoak

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Printed in the United States of America
**OPTIMA™ & PAINTED NUBBY™ Wall Panels**

Wall panels with a bright surface that provide excellent sound absorption.

**KEY SELECTION ATTRIBUTES**

- **Optima**
  - Durability
  - Washable
  - Scratch-resistant
  - Soil-resistant
  - Smooth surface

- **Painted Nubby**
  - Bright surface

**COLOR**

- White

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Substrate</th>
<th>Finish</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPTIMA™</td>
<td>DuraBrite®</td>
<td>3154</td>
<td>48 x 96 x 1&quot;</td>
</tr>
<tr>
<td>PAINTED NUBBY</td>
<td>Woven Cloth</td>
<td>3104</td>
<td>48 x 96 x 1&quot;</td>
</tr>
</tbody>
</table>

For performance and physical data, see pgs. 344-347.

**PERFORMANCE**

<table>
<thead>
<tr>
<th>NRC Rating</th>
<th>A Mounting</th>
<th>D-20 Mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dots</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.80</td>
<td>0.90</td>
</tr>
<tr>
<td></td>
<td>0.70</td>
<td>0.80</td>
</tr>
</tbody>
</table>

**INSTALLATION ACCESSORIES**

- **C CHANNEL**
  - Extruded PVC Plastic
    - Item No. 3107
    - 1 x 96 x 1" White

- **H CHANNEL**
  - Extruded PVC Plastic
    - Item No. 3108
    - 1-5/8 x 96 x 1" White

A Mounting – Mounting directly against existing surface D-20 Mounting – Mounting spaced 3/4" from existing surface using 1" x 4" furring strips

For more information, see pgs. 110-113

**SOUNDSCAPES™ SHAPES Wall Panels**

**KEY SELECTION ATTRIBUTES**

- 10 shape options
- Coordinate with Armstrong® ceilings or other interior finishes, including SoundScapes® Blades™ and Shapes, Infusions® lay-in panels, walls, and partitions, or Create!™ ceilings.
- Quick and easy to install directly to wall

**COLORS**

Due to printing limitations, shade may vary from actual product.
WOODWORKS®
Standard Wall Panels

Wall system available in a variety of wood species, stains, sizes, and perforation options.

KEY SELECTION ATTRIBUTES

- Coordinate veneer choice with WoodWorks® ceilings
- Install panels horizontally or vertically using clips or splines
- Perforated panel with acoustical backing improves sound quality and reduces reverberation time within a space
- USDA-Certified Biobased Product 100% (preferred for government projects)

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

Natural Variations™ (Real Wood Veneers)

- Maple (NMF)
- Light Cherry (NLC)
- Dark Cherry (NDC)
- Walnut (NWN)
- Oak (NOK)
- Walnut Espresso (NWE)

Constants™ (Real Wood Veneers)

- Maple (CMA)
- Cherry (CCF)
- Walnut (CWA)
- Redux Wood (CRW)
- Patina (BAP)
- Native (BAN)

Bamboo*

- Bamboo* 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 6506 (Round Straight)
- W3 – Rd 6506 (Round Diagonal)
- W4 – Rg 6511 (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.

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

Custom Perforations Available

520 TechLine 877 276 7876
armstrongceilings.com/walls
WOODWORKS®
Standard Wall Panels

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Dimensions Nominal W x L x H (inches)</th>
<th>Perforation Options</th>
<th>Installation Options</th>
<th>Finish Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSC® certified WOODWORKS® Wall Panels with Acoustical Fleece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* When specifying or ordering, include the appropriate perforation, installation, and finish suffixes. (e.g., 5814 W1 K NMP)

**ACCESSORIES**

For corners, splines, Z-Clips, and infill panel options, see Pgs. 528-529.

**ACOUSTICAL INFORMATION**

<table>
<thead>
<tr>
<th>Perforation</th>
<th>WoodWorks® Vector®</th>
<th>WoodWorks® Concealed</th>
</tr>
</thead>
<tbody>
<tr>
<td>D Mounting w/ Acoustical Fleece</td>
<td>D Mounting w/ 1&quot; Fiberglass Infill*</td>
<td></td>
</tr>
<tr>
<td>Perforation</td>
<td>WoodWorks® Vector®</td>
<td>WoodWorks® Concealed</td>
</tr>
<tr>
<td>D Mounting w/ Acoustical Fleece</td>
<td>D Mounting w/ 1&quot; Fiberglass Infill*</td>
<td></td>
</tr>
<tr>
<td>W1</td>
<td>Unperforated</td>
<td>N/A</td>
</tr>
<tr>
<td>0.50</td>
<td>Round Straight</td>
<td>0.65</td>
</tr>
<tr>
<td>W2</td>
<td>Round Straight</td>
<td>0.50</td>
</tr>
<tr>
<td>0.55</td>
<td>Round Diagonal</td>
<td>0.80</td>
</tr>
<tr>
<td>W3</td>
<td>Round Straight</td>
<td>0.45</td>
</tr>
<tr>
<td>0.70</td>
<td>Oval Straight</td>
<td>0.60</td>
</tr>
<tr>
<td>W4</td>
<td>Oval Straight</td>
<td>0.45</td>
</tr>
<tr>
<td>W5</td>
<td>Oval Straight</td>
<td>0.45</td>
</tr>
<tr>
<td>W6</td>
<td>Oval Straight</td>
<td>0.45</td>
</tr>
</tbody>
</table>

* Fiberglass Infill Panel Item 8200T10

WoodWorks Walls perforations align with the following ceiling panels:

- W2: yes, yes
- W3: yes, yes
- W4: yes, no
- W5: yes, no
- W6: yes, no

**PHYSICAL DATA**

**Material**

FSC®-certified fire-retardant particle board with face-cut veneers (SW-007-00001). For more information about FSC®-certified products, or to view our FSC®-Certification letter, visit armstrongceilings.com/woodworksfsc

**Surface Finish**

Clear or tinted semigloss coating

**Fire Performance**

Class A ASTM E84, Surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

**ACOUSTICAL INFORMATION**

- Dots represent high level of performance.
- NRC Rating

**Design Considerations**

The reveal width on WoodWorks Tegular panels and WoodWorks Walls is different. For an application with the same size reveal in the ceiling and on the wall, order custom-cut panels or use Vector® ceiling panels Z-clipped to the wall.

**Application Considerations**

Variation among panels may occur due to the natural characteristics of the wood and grain (special order panels available).

It is very important that WoodWorks® panels are climatized prior to installation. Relative humidity between 25% and 55% and temperatures between 59°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.

**Warranty**

Details at armstrongceilings.com

**Weight**

Square Feet/Case – 7.5 lbs/3SF, bulk packaged per order.

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TechLine / 1 877 276 7876 armstrongceilings.com/walls (search: woodworks walls) BPCS-5098-319

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TechLine / 1 877 276 7876 armstrongceilings.com/walls (search: woodworks walls) BPCS-5098-319
WOODWORKS® Channeled
Standard Wall Plank

Perforated wall panels with acoustical backing that improves sound quality and reduces reverberation time.

**KEY SELECTION ATTRIBUTES**

- Install in the ceiling, on the wall, or create 90° angled ceiling-to-wall transitions
- Two plank lengths available as standard products
- California Air Resources Board (CARB) compliant
- USDA-Certified Biobased Product 100% (preferred for government projects)
- 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)**
- Maple (NMP)
- Light Cherry (NLC)
- Dark Cherry (NDC)
- Custom Veneers Available

**IMAGES™ FINISHES**
(High Quality Printed Finishes)
- Maple (PLM)
- Light Cherry (PLC)
- Dark Cherry (PDC)

**VENER PERFORATION OPTIONS**
(Actual 1:2 scale shown)

- W7 (13mm profile with 3mm groove)
- W8 (5mm profile with 3mm groove)
- W9 (25mm profile with 3mm groove)

**IMAGES PERFORATION OPTIONS**
(Actual 1:2 scale shown)

- W7 (13mm profile with 3mm groove)
- W9 (25mm profile with 3mm groove)

See more photos at: armstrongceilings.com/photogallery

SEARCH: woodworks channeled
WOODWORKS® Channeled
Standard Wall Plank

VISUAL SELECTION – IMAGES™ FINISHES

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions Nominal W x L x H (inches)</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tongue and Groove</td>
<td>5900WW7</td>
<td>5.553 x 96 x 3/4&quot;</td>
<td>N/A</td>
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<tr>
<td></td>
<td>5900WW8</td>
<td>5.553 x 96 x 3/4&quot;</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>5900WW9</td>
<td>5.553 x 96 x 3/4&quot;</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>5901WW7</td>
<td>5.553 x 120 x 3/4&quot;</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>5901WW8</td>
<td>5.553 x 120 x 3/4&quot;</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>5901WW9</td>
<td>5.553 x 120 x 3/4&quot;</td>
<td>N/A</td>
</tr>
<tr>
<td>Tongue and Groove</td>
<td>6688WW7</td>
<td>5.553 x 96 x 0.688&quot;</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>6688WW9</td>
<td>5.553 x 96 x 0.688&quot;</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>6689WW7</td>
<td>5.553 x 120 x 0.688&quot;</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>6689WW9</td>
<td>5.553 x 120 x 0.688&quot;</td>
<td>N/A</td>
</tr>
</tbody>
</table>

WDOOWORKS® Natural Variations™ FSC® certified Channeled Wall Plank Perforated with Acoustical Fleece

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>5900WW7</td>
<td>Channeled Clip</td>
<td>N/A</td>
</tr>
</tbody>
</table>

PHYSICAL DATA – Natural Variations

Material
FSC® certified fire retardant medium density fiberboard with face-cut veneers (SW-CDC-003601). For more information about FSC-certified 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. Flame Spread Index 25 or less, Smoke Developed Index 50 or less.

ASTM E84 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® 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.

Physical Tolerances
- Punch Profiles ± .008
- Angles (90°) ± .5
- All others ± 2

Material: .022 Galvanized Steel

Physical Data – Images Finishes

Material
Fire retardant medium density fiberboard with high quality printed vinyl.

Surface Finish
Clear semigloss coating

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

ASTM E1264 Classification
Composite – Fire Class A

Application Considerations
Images finishes feature a high-definition print finish. A pattern repeat will occur approximately every 30".

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.

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WOODWORKS® Ekos®
Standard Wall Panels

Standard wall panels in a variety of veneers with no detectable VOC emissions.

KEY SELECTION ATTRIBUTES

- Panels can be installed horizontally or vertically
- Can help contribute to LEED® credits with no added formaldehyde and high-recycled content
- Less expensive and easier to install than custom millwork

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

Ekos Maple (MP)
Ekos Light Cherry (LC)
Ekos Dark Cherry (DC)
Ekos Mahogany (HG)

PERFORATION OPTIONS
(Actual 1:1 scale shown)

Ekos Perforation
Hole Size: 0.4mm [0.015”]
% Open Area: 5.7%

Type: Unperforated
Type: Round-Staggered
### WOODWORKS® Ekos®
#### Standard Wall Panels

**VISUAL SELECTION**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions</th>
<th>Pcs/Ctn</th>
<th>Ekos Finishes</th>
<th>Acoustics NRC Rating A (Mounting)</th>
<th>Acoustics STC Rating* 1 side</th>
<th>Acoustics STC Rating* 2 sides</th>
<th>VOC Formaldehyde</th>
<th>Recycling Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>5800_ _ _</td>
<td>8' Ekos Wall Panel Unperforated</td>
<td>96 x 24 x 5/8&quot;</td>
<td>2 or 4</td>
<td>MP, LC, DC, or HG</td>
<td>43</td>
<td>46</td>
<td>No added</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>5801_ _ _</td>
<td>9' Ekos Wall Panel Unperforated</td>
<td>108 x 24 x 5/8&quot;</td>
<td>2 or 4</td>
<td>MP, LC, DC, or HG</td>
<td>43</td>
<td>46</td>
<td>No added</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>5802_ _ _</td>
<td>Nominal 10' Ekos Wall Panel Unperforated</td>
<td>118 x 24 x 5/8&quot;</td>
<td>2 or 4</td>
<td>MP, LC, DC, or HG</td>
<td>43</td>
<td>46</td>
<td>No added</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>5803_ _ _</td>
<td>8' Ekos Wall Panel Perforated</td>
<td>96 x 24 x 5/8&quot;</td>
<td>2 or 4</td>
<td>MP, LC, DC, or HG</td>
<td>43</td>
<td>46</td>
<td>No added</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>5804_ _ _</td>
<td>9' Ekos Wall Panel Perforated</td>
<td>108 x 24 x 5/8&quot;</td>
<td>2 or 4</td>
<td>MP, LC, DC, or HG</td>
<td>43</td>
<td>46</td>
<td>No added</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>5805_ _ _</td>
<td>Nominal 10' Ekos Wall Panel Perforated</td>
<td>118 x 24 x 5/8&quot;</td>
<td>2 or 4</td>
<td>MP, LC, DC, or HG</td>
<td>43</td>
<td>46</td>
<td>No added</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

**Unperforated Horizontal Panels**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions</th>
<th>Pcs/Ctn</th>
<th>Ekos Finishes</th>
<th>Acoustics NRC Rating A (Mounting)</th>
<th>Acoustics STC Rating* 1 side</th>
<th>Acoustics STC Rating* 2 sides</th>
<th>VOC Formaldehyde</th>
<th>Recycling Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>5970_ _ _</td>
<td>8' Ekos Horizontal Wall Panel Unperforated</td>
<td>96 x 24 x 5/8&quot;</td>
<td>2 or 4</td>
<td>MP, LC, DC, or HG</td>
<td>N/A</td>
<td>N/A</td>
<td>No added</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>5971_ _ _</td>
<td>9' Ekos Horizontal Wall Panel Unperforated</td>
<td>108 x 24 x 5/8&quot;</td>
<td>2 or 4</td>
<td>MP, LC, DC, or HG</td>
<td>N/A</td>
<td>N/A</td>
<td>No added</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>5972_ _ _</td>
<td>Nominal 10' Ekos Horizontal Wall Panel Unperforated</td>
<td>118 x 24 x 5/8&quot;</td>
<td>2 or 4</td>
<td>MP, LC, DC, or HG</td>
<td>N/A</td>
<td>N/A</td>
<td>No added</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

**Perforated Horizontal Panels**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions</th>
<th>Pcs/Ctn</th>
<th>Ekos Finishes</th>
<th>Acoustics NRC Rating A (Mounting)</th>
<th>Acoustics STC Rating* 1 side</th>
<th>Acoustics STC Rating* 2 sides</th>
<th>VOC Formaldehyde</th>
<th>Recycling Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>5973_ _ _</td>
<td>8' Ekos Horizontal Wall Panel Perforated</td>
<td>96 x 24 x 5/8&quot;</td>
<td>2 or 4</td>
<td>MP, LC, DC, or HG</td>
<td>43</td>
<td>46</td>
<td>No added</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>5974_ _ _</td>
<td>9' Ekos Horizontal Wall Panel Perforated</td>
<td>108 x 24 x 5/8&quot;</td>
<td>2 or 4</td>
<td>MP, LC, DC, or HG</td>
<td>43</td>
<td>46</td>
<td>No added</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>5975_ _ _</td>
<td>Nominal 10' Ekos Horizontal Wall Panel Perforated</td>
<td>118 x 24 x 5/8&quot;</td>
<td>2 or 4</td>
<td>MP, LC, DC, or HG</td>
<td>43</td>
<td>46</td>
<td>No added</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

- **Unperforated Panels**
  - 8' Ekos Wall Panel
  - 9' Ekos Wall Panel
  - Nominal 10' Ekos Wall Panel

- **Perforated Panels**
  - 8' Ekos Wall Panel
  - 9' Ekos Wall Panel
  - Nominal 10' Ekos Wall Panel

- **Unperforated Horizontal Panels**
  - 8' Ekos Horizontal Wall Panel
  - 9' Ekos Horizontal Wall Panel
  - Nominal 10' Ekos Horizontal Wall Panel

- **Perforated Horizontal Panels**
  - 8' Ekos Horizontal Wall Panel
  - 9' Ekos Horizontal Wall Panel
  - Nominal 10' Ekos Horizontal Wall Panel

**ACCESSORIES**

For installation splines, corners, chair rails, etc., see pages 528-529 in catalog, WoodWorks® Ekos® brochure, or armstrongceilings.com/ekos

**PHYSICAL DATA**

- **Panel Material**
  - Mineral fiber with real wood veneers. Face veneers are quarter-cut, random-matched Anigre or Makore veneers stained to the Ekos® panel finishes.

- **Panel Surface Finish**
  - Milled solid wood stained to coordinate with Ekos® panel finishes. Extruded aluminum.

- **Wall Construction**
  - Wall construction is one layer 5/8" drywall each side of 3-5/8" metal stud, with Ekos panels attached on one or both sides.

- **Fire Performance**
  - Class B fire performance per IBC. Flame Spread Rating of 50 or less and Smoke Developed Classification of 100 or less when tested per ASTM E84 or CAN/ULC S102.

- **Application Considerations**
  - Due to the natural characteristics of veneers, variations in color and grain can be expected. Do not mix panels from different lots. Veneered panels may also darken over time.

- **Warranty**
  - Details at armstrongceilings.com/walls.

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INFUSIONS™
Partitions

Wall partitions in a variety of translucent colors and patterns.

KEY SELECTION ATTRIBUTES
- Coordinate with Armstrong® ceilings or other interior finishes including Infusions Walls, Lay-in Panels, and Canopies, SoundScapes® Blades™ and Shapes, or Create!™ ceilings.
- Standard products create a custom look
- Hang individually or in groups
- Panels and installation hardware packaged in one complete kit
- For Infusions® ceiling panels, see pages 260-263.
  For Infusions® Blades™ panels, see page 70.
  For Infusions® Shapes, see page 99.
  For Infusions® Canopies, see page 98.
  For Infusions™ Walls, see page 527.

For more information, visit armstrongceilings.com/infusions.

COLORS/PATTERNS
Due to printing limitations, shade may vary from actual product

Solids – SoundScapes™ Coordinating Colors

Patterns – Goldtones

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>INFUSIONS™ Partitions</td>
<td>24 x 72 x 1/4&quot;</td>
<td>See above</td>
</tr>
</tbody>
</table>

- When specifying or ordering, include the appropriate 3-letter color suffix (e.g., 5845 TR K). 
- NOTE: Ceiling Hanging Kit and Floor Mounting Kit hardware included with panels. Joining Kits must be ordered separately.

ACCESSORIES

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Color</th>
<th>Pcs/Ctn</th>
</tr>
</thead>
<tbody>
<tr>
<td>5827</td>
<td>Joining Kit</td>
<td>Silver</td>
<td>3 Clamps</td>
</tr>
</tbody>
</table>

PHYSICAL DATA

Material
PETG

Surface Finish
Smooth

Fire Performance
Infusions™ panels have been tested according to NFPA 286 and are equivalent to Class A Interior Finish as defined by the International Building Code. Contact TechLine at 1 877 276-7876 for specific U.S. and Canadian fire performance data.

Installation and Design Considerations
- Do not allow panel edges to get wet. Infusions panels are not approved for exterior applications.
- Panel kits include ceiling hanging kit and floor mounting kit hardware. Floor mounting hardware is optional, but recommended. Floor mounting hardware requires field drilling pilot holes in panels.
- Linking kits must be ordered separately.
- Panels can be damaged by exposure to high temperatures. Panel temperature should not be permitted to exceed 100°F.

Warranty
Details at armstrongceilings.com

Weight; Pieces/Carton
Panel weight – 26 lbs
2 pieces/carton
Carton weight – 55 lbs
INFUSIONS™ Walls

Wall System available in translucent colors and patterns that can be hung individually or in a group.

**KEY SELECTION ATTRIBUTES**

- Coordinate with Armstrong ceilings or other interior finishes; i.e., Infusions® Partitions, Lay-in Panels, and Canopies, SoundScapes® Blades™ and Shapes, or Create!™ ceilings
- Factory-drilled to accept Point Support hardware kit
- Aluminum Point Support Kit offers contemporary sleek visual
- For Infusions panels, see pages 260-263.
- For Infusions® Blades™ panels, see page 70.
- For Infusions® Shapes, see page 99.
- For Infusions® Canopies, see page 98.
- For Infusions™ Partitions, see page 527.

For more information, visit armstrongceilings.com/infusions.

**COLORS/PATTERNS (Partial List)**

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

<table>
<thead>
<tr>
<th>COLORS/PATTERNS (Partial List)</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infusions™ Blades™</td>
<td></td>
</tr>
<tr>
<td>Infusions™ Shapes</td>
<td></td>
</tr>
<tr>
<td>Infusions™ Canopies</td>
<td></td>
</tr>
<tr>
<td>Infusions™ Partitions</td>
<td></td>
</tr>
</tbody>
</table>

**COLORS/SOLIDS**

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

<table>
<thead>
<tr>
<th>SOLIDS</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cultured Pearl (TCP)</td>
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<tr>
<td>Inspiration Ice (TMO)</td>
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</tr>
<tr>
<td>Calm Water (TOW)</td>
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<tr>
<td>Natural Faith (TNF)</td>
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<tr>
<td>Loyal Latte (TLL)</td>
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<tr>
<td>Caribbean Amnesia (TAM)</td>
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<tr>
<td>Sage</td>
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<tr>
<td>Happiness (TSH)</td>
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<tr>
<td>Peace Blue (TPB)</td>
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<tr>
<td>Sheer Iris (TSI)</td>
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<tr>
<td>Blueberry Bliss (TBB)</td>
<td></td>
</tr>
<tr>
<td>Sedona Spirit (TSO)</td>
<td></td>
</tr>
<tr>
<td>Red Fire (TRF)</td>
<td></td>
</tr>
<tr>
<td>Refined Kiwi (TRK)</td>
<td></td>
</tr>
<tr>
<td>Refined Reef (TRR)</td>
<td></td>
</tr>
<tr>
<td>Refined Lagoon (TRL)</td>
<td></td>
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<tr>
<td>Refined Plum (TRP)</td>
<td></td>
</tr>
<tr>
<td>Refined Tangerine (TRT)</td>
<td></td>
</tr>
<tr>
<td>Refined Black (TRB)</td>
<td></td>
</tr>
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</table>

**VISUAL SELECTION**

<table>
<thead>
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<th>Item No.</th>
<th>Description</th>
<th>Colors</th>
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</thead>
<tbody>
<tr>
<td>5824_ _ _</td>
<td>Infusions™ Walls</td>
<td></td>
</tr>
</tbody>
</table>

**PHYSICAL DATA**

- **Material:** PETG
- **Surface Finish:** Smooth
- **Fire Performance:** Infusions™ panels have been tested according to NFPA 286 and are equivalent to Class A Interior Finish as defined by the International Building Code.

Contact TechLine at 1 877 276-7876 for specific US and Canadian fire performance data.

**Installation and Design Considerations**

- Do not allow panel edges to get wet.
- Infusions panels are not approved for exterior application. Natural Linen and Blue Linen colors may vary panel to panel.
- Wall anchor hardware is provided by others. A minimum gap of 1/4” is required between panels. Panels are pre-drilled for Point Supports.

Panels can be damaged by exposure to high temperatures. Panel temperature should not be permitted to exceed 100°F. There is potential for limited deflection of panels.

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Colors</th>
<th>Pcs./Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5848</td>
<td>Infusions Wall Panel Hardware Kit</td>
<td>Aluminum</td>
<td>16 Point Supports</td>
</tr>
</tbody>
</table>

NOTE: Wall Anchor not provided in kit. Point Support includes panel standoff and standoff cap.

For more information, visit armstrongceilings.com/greengenie.

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Calculation of LEED contribution at armstrongceilings.com/greengenie

WALLS
**WOODWORKS® WALLS FAMILY – Accessories**

### ACCESSORIES – WOODWORKS® STANDARD WALL PANELS AND CHANNELED STANDARD WALL PLANK

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions (Inches)</th>
<th>Color/Finish</th>
<th>Pcs/Ctn</th>
</tr>
</thead>
<tbody>
<tr>
<td>5855</td>
<td>4&quot; Base Molding</td>
<td>100&quot;</td>
<td>NMP, NLC, NDC, BAP, BAN, MP, LC, DC, HG</td>
<td>Bulk</td>
</tr>
<tr>
<td>5856</td>
<td>6&quot; Base Molding</td>
<td>100&quot;</td>
<td>NMP, NLC, NDC, BAP, BAN, MP, LC, DC, HG</td>
<td>Bulk</td>
</tr>
<tr>
<td>5857</td>
<td>Finish Molding (direct-applied)</td>
<td>100&quot;, 112&quot;, or 122&quot;</td>
<td>MP, HG, LC, DC</td>
<td>Bulk</td>
</tr>
<tr>
<td>5907</td>
<td>1.875&quot; Finish Molding (with furring strips)</td>
<td>100&quot;, 112&quot;, or 122&quot;</td>
<td>NMP, NLC, NDC, BAP, BAN</td>
<td>Bulk</td>
</tr>
<tr>
<td>5867</td>
<td>Inside Corner Molding</td>
<td>100&quot;, 112&quot;, or 122&quot;</td>
<td>NMP, NLC, NDC, BAP, BAN</td>
<td>Bulk</td>
</tr>
<tr>
<td>5851</td>
<td>Peak Corner (Solid Wood)</td>
<td>96&quot;, 108&quot;, or 118&quot;</td>
<td>MP, HG, LC, DC</td>
<td>Bulk</td>
</tr>
<tr>
<td>5852</td>
<td>Bullnose Corner (Solid Wood)</td>
<td>96&quot;, 108&quot;, or 118&quot;</td>
<td>MP, HG, LC, DC</td>
<td>Bulk</td>
</tr>
<tr>
<td>5859</td>
<td>Corner Installation Spline (Concealed)</td>
<td>96&quot;, 108&quot;, or 118&quot;</td>
<td>Plastic (X) or Aluminum (Y)</td>
<td>Bulk</td>
</tr>
</tbody>
</table>

When specifying or ordering, include the appropriate finish suffixes.

### ACCESSORIES – WOODWORKS STANDARD WALL PANELS ONLY

<table>
<thead>
<tr>
<th>Installation</th>
<th>Item No.</th>
<th>Description</th>
<th>Lengths (Inches)</th>
<th>Color/Finish</th>
<th>Material</th>
<th>Pcs/Ctn</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical Wall Plank Installation</td>
<td>663910</td>
<td>Wall Installation Spline (aluminum)</td>
<td>120&quot;</td>
<td>Black (BL), Natural Anodized (NA)</td>
<td>Aluminum</td>
<td>1</td>
</tr>
<tr>
<td>6408</td>
<td>Edge Banding for Wall Spline (PVC)</td>
<td>300&quot;</td>
<td>See colors on page 520</td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>5672</td>
<td>Z-clip</td>
<td>2&quot;</td>
<td>Aluminum</td>
<td></td>
<td></td>
<td>250</td>
</tr>
<tr>
<td>5673</td>
<td>Z-clip Bar</td>
<td>72&quot;</td>
<td>Aluminum</td>
<td></td>
<td></td>
<td>20</td>
</tr>
</tbody>
</table>

When specifying or ordering, include the appropriate finish suffixes.

### ACCESSORIES – CHANNELED STANDARD WALL PLANK ONLY

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions</th>
<th>Color</th>
<th>Pcs/Ctn</th>
</tr>
</thead>
<tbody>
<tr>
<td>5389</td>
<td>Channeled Clip</td>
<td>N/A</td>
<td>Black</td>
<td>250</td>
</tr>
</tbody>
</table>

### INFILL PANELS

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions</th>
<th>Color</th>
<th>Pcs/Ctn</th>
</tr>
</thead>
<tbody>
<tr>
<td>5479</td>
<td>BioAcoustic™ Infill Panel</td>
<td>24 x 24 x 5/8&quot;</td>
<td>Beige - Matte</td>
<td>12</td>
</tr>
<tr>
<td>8200T10</td>
<td>1&quot; Fiberglass Infill Panel</td>
<td>24 x 24 x 1&quot;</td>
<td>Black - Gloss</td>
<td>12</td>
</tr>
</tbody>
</table>

When specifying or ordering base molding or spline, include the appropriate 2- or 3-letter color suffix (e.g., 58550B N MP). When specifying or ordering other accessories, include the appropriate length suffix and finish/material suffixes. EXAMPLES: 5857.08709 9 - 9’ Inside Corner Molding in Natural Variations™ Dark Cherry; 5859.08709 X - 9’ Corner Installation Spline in Plastic.

### INSTALLATION DETAILS

<table>
<thead>
<tr>
<th>Description</th>
<th>Installation</th>
<th>Color</th>
<th>Pcs/Ctn</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; WoodWorks® Base Molding</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WoodWorks Inside Corner</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Colors**

- NV Maple (NMP)
- NV Light Cherry (NLC)
- NV Dark Cherry (NDC)
- Bamboo Patina (BAP)
- Bamboo Native (BAN)
- Ekos Maple (EMP)
- Ekos Light Cherry (DQC)
- Ekos Dark Cherry (DCQ)
- Ekos Mahogany (HGC)

**General tolerances Unless Noted:**

- Punch Profiles ± 0.008
- Dimensions are in inches
- Tolerances are: (0.0X ± 0.02) (0.0XX ± 0.012
- Angles (90° ± 0.5°) (all others ± 2°)

**Pack:** 250 pcs/carton and label with part number and production date.
### ACCESSORIES – WOODWORKS® EKOS® WALL PANELS ONLY

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Lengths</th>
<th>Finishes</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>5850J</td>
<td>Cap Accent Trim</td>
<td>96&quot;, 108&quot;, 120&quot;</td>
<td>NA (Natural Anodized) BL (Black Anodized)</td>
<td>Aluminum</td>
</tr>
<tr>
<td>5850K</td>
<td>Reveal Accent Trim</td>
<td>96&quot;, 108&quot;, 120&quot;</td>
<td>NA (Natural Anodized) BL (Black Anodized)</td>
<td>Aluminum</td>
</tr>
<tr>
<td>5858</td>
<td>Wall Installation Spline (concealed)</td>
<td>96&quot;, 108&quot;, 120&quot;</td>
<td>Plastic (X) or Aluminum (Y)</td>
<td>Plastic or Aluminum</td>
</tr>
<tr>
<td>5860</td>
<td>Wall Bead Installation Spline†</td>
<td>96&quot;, 108&quot;, 120&quot;</td>
<td>Black Plastic</td>
<td>Plastic</td>
</tr>
</tbody>
</table>

† This accessory should be used when Decorative Accent Trims are not selected.

NOTE: When specifying or ordering, insert the appropriate length suffix and finish suffix. EXAMPLE: 5850J 08 NA 96" cap accent trim in Natural Anodized.

### CHAIR RAIL ACCESSORIES – SOUNDSOAK® STANDARD AND WOODWORKS® EKOS® WALL PANELS

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Lengths</th>
<th>Colors</th>
<th>Substrate</th>
</tr>
</thead>
<tbody>
<tr>
<td>5861</td>
<td>Mounting Rail</td>
<td>100&quot;</td>
<td>MP, LC, DC, HG, XX</td>
<td>Solid Wood</td>
</tr>
<tr>
<td>5862</td>
<td>Rail Spacer for Soundsoak 85</td>
<td>100&quot;</td>
<td>XX</td>
<td>Solid Wood</td>
</tr>
<tr>
<td>5863</td>
<td>Rail Insert</td>
<td>100&quot;</td>
<td>MP, LC, DC, HG, BL, XX</td>
<td>Solid Wood</td>
</tr>
<tr>
<td>5963NA</td>
<td>Rail Insert – Aluminum Finish</td>
<td>96&quot;</td>
<td>Natural Anodized (NA)</td>
<td>Solid Wood and Aluminum</td>
</tr>
<tr>
<td>5864</td>
<td>Rail Cap</td>
<td>100&quot;</td>
<td>MP, LC, DC, HG, XX</td>
<td>Solid Wood</td>
</tr>
<tr>
<td>5865</td>
<td>Extended Rail Cap for Soundsoak 85</td>
<td>100&quot;</td>
<td>MP, LC, DC, HG, XX</td>
<td>Solid Wood</td>
</tr>
<tr>
<td>5866</td>
<td>Easel Ledge</td>
<td>100&quot;</td>
<td>MP, LC, DC, HG, XX</td>
<td>Solid Wood</td>
</tr>
</tbody>
</table>

NOTE: Unfinished wood can be field-painted.

### ACCESSORIES – SOUNDSOAK STANDARD ONLY

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Lengths</th>
<th>Finishes</th>
</tr>
</thead>
<tbody>
<tr>
<td>3856</td>
<td>Impact Corner</td>
<td>120&quot;</td>
<td>See page 311</td>
</tr>
<tr>
<td>4062</td>
<td>1&quot; J-Molding</td>
<td>120&quot;</td>
<td>BL, GW, FG, LT, SA</td>
</tr>
<tr>
<td>4064</td>
<td>3/4&quot; J-Molding</td>
<td>120&quot;</td>
<td>BL, GW, FG, LT, SA</td>
</tr>
<tr>
<td>4065A</td>
<td>3/4&quot; Low-Profile J-Molding</td>
<td>120&quot;</td>
<td>BL</td>
</tr>
</tbody>
</table>

NOTE: Unfinished wood can be field-painted.

### INSTALLATION DETAILS

- Soundsoak 60 / Ekos Mounting Rail
- Soundsoak 60 panel with Chair Rail – Mounting Rail with Rail Insert
- Soundsoak 60 / Ekos Easel Ledge
- Soundsoak 85 panel with Chair Rail – Mounting Rail with Rail Insert, Extended Rail Cap and Rail Spacer

**CHAIR RAIL ACCESSORY COLORS**

- Maple (MP)
- Light Cherry (LC)
- Dark Cherry (DC)
- Mahogany (HG)
- Black (BL)
- Natural Anodized (NA)
- Unfinished Wood (XX)

**J-MOLDING COLORS**

- Black (BL)
- Grid White (GW)
- Frost Grey (FG)
- Light Tone (LT)
- Sand (SA)

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METAL WALLS

KEY SELECTION ATTRIBUTES

• Custom colors and perforations available
• Durable – Washable, Scrubbable, Soil-resistant
• Coordinate with MetalWorks™ ceilings
• Perforated panel with acoustical backing improves sound quality and reduces noise within a space

TechLine 877 276-7876
armstrongceilings.com/metalworks
CUSTOM WALL SYSTEMS
WOODWORKS WALLS

KEY SELECTION ATTRIBUTES

• Custom finishes and perforations available
• FSC® certified options available
• Coordinate with WoodWorks® ceilings
• Perforated panel with acoustical backing improves sound quality and reduces noise within a space

WoodWorks® Channeled Custom Walls in Light Cherry

WoodWorks Custom Ceiling System unperforated in custom Red Oak