FELTWORKS™ Blades
Acoustical Panels

FeltWorks™ Blades quiet spaces and redefine the visual plane, while adding warmth to interior spaces.

**KEY SELECTION ATTRIBUTES**

- Soft visual, more quieting acoustics
- Installs with Aluminum Suspension Bar and aircraft cables for a premium installed visual
- FeltWorks™ Blades panels are part of the Sustain® portfolio and meet the most stringent industry sustainability standards today
- Made from up to 50% post-consumer recycled PET fibers
- Get custom looks from standard products using easy to specify and order kits with short lead times
- No need to field-finish cut edges with color throughout panels
- Easy plenum access – just lift off panels
- Up to 0.70 Sabins/SF
- 3/8" thick blades provide a sleek linear visual – 3 standard profiles and a variety of blade heights offer dramatic visuals

**COLORS**

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

- Cotton (FCN)
- Mist (FMN)
- Whisper (FWI)
- Flannel (FFL)
- Smoke (FSE)
- Shadow (FSW)
- Midnight (FMM)
- Natural (FNT)
- Chocolate (FCE)
- Denim (FDM)
- Iris (FIS)
- Woodland (FWO)
- Buttercup (FBC)
- Tangerine (FTE)
- Fire (FFE)

**DETAILS**

1. Hook installation profile (panels in kitted modules are individually numbered for assembly)
2. Aluminum suspension bar hanging assembly detail

TechLine 877 276-7876
armstrongceilings.com/feltworks
FELTWORKS™ Blades
Acoustical Panels

STANDARD KITTED MODULE OPTIONS

Ebbs & Flows Kits

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Nominal Dimension (D x L x Thickness)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6533KEF0001_ _ _</td>
<td>96&quot; Ebbs &amp; Flows Blades Kit Includes 6 unique shapes – 4 of each – 24 pcs per kit</td>
<td>Varies x 96&quot; x 3/8&quot;</td>
</tr>
<tr>
<td>6533KEF0002_ _ _</td>
<td>48&quot; Ebbs &amp; Flows Blades Kit Includes 12 unique shapes – 2 of each – 24 pcs per kit</td>
<td>Varies x 48&quot; x 3/8&quot;</td>
</tr>
</tbody>
</table>

When specifying or ordering, add 3-letter color suffix to item number.

NOTE: All blades in a kitted module must be the same color. For custom shapes, sizes, and layouts, contact ASQuote@armstrongceilings.com.

See the FeltWorks Blades Design Guide for easy ways to create custom looks using standard products.

See complete performance data on next page.

Peaks & Valleys Kits

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Nominal Dimension (D x L x Thickness)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6533KPV0001_ _ _</td>
<td>96&quot; Peaks &amp; Valleys Blades Kit Includes 12 unique shapes – 2 of each – 24 pcs per kit</td>
<td>Varies x 96&quot; x 3/8&quot;</td>
</tr>
<tr>
<td>6533KPV0002_ _ _</td>
<td>48&quot; Peaks &amp; Valleys Blades Kit Includes 6 unique shapes – 4 of each – 24 pcs per kit</td>
<td>Varies x 48&quot; x 3/8&quot;</td>
</tr>
</tbody>
</table>

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FELTWORKS™ Blades
Acoustical Panels

GREENGUARD
Gold Certified

SUSTAIN®
High Performance Sustainable Ceiling Systems

Declare™

FeltWorks™ Blades Rectangular panels Hook Installation with 8” blade spacing

FELTWORKS™ Blades Rectangles

Panel Thickness | Sound Absorption Sabins/SF
---|---
3/8” | Up to 0.70

(See acoustical performance data for details)

** When specifying or ordering, add 3-letter color suffix to item number.

NOTE: For custom shapes and sizes, contact ASQuote@armstrongceilings.com.

All performance data relates to all FeltWorks™ Blades panels including rectangles and kitted options.

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**Performance** Dots represent high level of performance.

<table>
<thead>
<tr>
<th>Fire Rating</th>
<th>LED</th>
<th>Certified Low VOC Emissions</th>
<th>Wash</th>
<th>Impact</th>
<th>Scratch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class A</td>
<td>0.80</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

**When specifying or ordering, add 3-letter color suffix to item number.

NOTE: For custom shapes and sizes, contact ASQuote@armstrongceilings.com.

All performance data relates to all FeltWorks™ Blades panels including rectangles and kitted options.

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**Suspension Systems**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Color</th>
<th>Pcs./Ctn</th>
</tr>
</thead>
<tbody>
<tr>
<td>8230AB*</td>
<td>96” Suspension Bar for 3/8” FeltWorks™ Blades – Connector Holes on Both Ends</td>
<td>Anodized Black</td>
<td>8 bars/4 connectors</td>
</tr>
<tr>
<td>6651AB</td>
<td>96” Suspension Bar End-to-End Connectors</td>
<td>Anodized Black</td>
<td>5 connectors</td>
</tr>
<tr>
<td>6655**</td>
<td>Blades Hanging Kit</td>
<td>–</td>
<td>1 kit/4 hanging assemblies</td>
</tr>
</tbody>
</table>

* Standard blade spacing is 4”, 8”, or 12” using standard suspension bar. Suspension bars with custom spacing or color are available, contact ASQuote@armstrongceilings.com.  
** Each Blades Hanging Kit includes 4 hanging assemblies. Use one kit for each Suspension Bar.
**FELTWORKS™ Blades**

Acoustical Panels

**LAYOUT DETAILS**

**PROFILE VIEW**

- Peaks & Valleys Kits
  - 1/4" space between panels
- Ebbs & Flows Kits
  - 1/4" space between panels

**PLAN VIEW**

**Staggered layout:**
- 1 - 96" kitted module and 1 - 48" kitted module

**Aluminum suspension bars**

**KEY**
- 48” panel
- 96” panel
- Suspension Bars

**NOTE:** Although 4” O.C. blade spacing is shown, 8” and 12” blade spacing is possible using Item 8230AB – Suspension Bars.

**PHYSICAL DATA**

<table>
<thead>
<tr>
<th>Material</th>
<th>3/8” thick non-woven layered and formed polyester felt (PET) fiber panels with color throughout.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire Performance</td>
<td>Flame Spread Index 25 or less. Smoke Developed Index 450 or less. Class A per ASTM E84.</td>
</tr>
<tr>
<td>CAN/ULC S102 surface burning characteristics. Flame Spread Rating of 75. Smoke Developed Classification of 105.</td>
<td></td>
</tr>
<tr>
<td>FeltWorks™ Blades, as with other architectural features located in the ceiling plane, may obstruct or skew the existing or planned fire sprinkler water distribution pattern, or possibly delay the activation of the fire sprinkler or fire detection system. Consult a fire protection engineer, NFPA 13, and local codes for guidance on the proper installation techniques where fire detection or suppression systems are present.</td>
<td></td>
</tr>
<tr>
<td>Application Considerations</td>
<td>Panel color and texture may vary from order to order; adequate attic stock should be ordered. Due to the nature of recycled materials, small dark fibers may be visible on light panels. FeltWorks Blades panels are not approved for exterior application. FeltWorks Blades panels should not be installed near sources of heat greater than 158 degrees F.</td>
</tr>
<tr>
<td>Fire Performance</td>
<td>Tested per ASTM C423 and mounted in accordance with ASTM E795. Sound absorption of up to 0.70 Sabins/SF. Spacing of blades will impact acoustical performance: 4” O.C. – 0.47 Sabins/SF, 8” O.C. – 0.61 Sabins/SF, 12” O.C. – 0.69 Sabins/SF. Contact TechLine for details at <a href="mailto:techline@armstrongceilings.com">techline@armstrongceilings.com</a>.</td>
</tr>
<tr>
<td>Acoustical Performance</td>
<td>Tested per ASTM C423 and mounted in accordance with ASTM E795. Sound absorption of up to 0.70 Sabins/SF. Spacing of blades will impact acoustical performance: 4” O.C. – 0.47 Sabins/SF, 8” O.C. – 0.61 Sabins/SF, 12” O.C. – 0.69 Sabins/SF. Contact TechLine for details at <a href="mailto:techline@armstrongceilings.com">techline@armstrongceilings.com</a>.</td>
</tr>
<tr>
<td>Installation Considerations</td>
<td>Any fixtures adjacent to FeltWorks Blades panels must be independently supported. Adjacent panel ends are spaced 1/4” apart using standard suspension bar.</td>
</tr>
<tr>
<td>Design Support</td>
<td>Contact the You Inspire™ Solutions Center for custom layouts at <a href="mailto:solutionscenter@armstrongceilings.com">solutionscenter@armstrongceilings.com</a>.</td>
</tr>
<tr>
<td>Warranty</td>
<td>Details at armstrongceilings.com</td>
</tr>
<tr>
<td>Weight; Pieces/Caraton</td>
<td>0.39 lbs/SF</td>
</tr>
<tr>
<td>Ebbs &amp; Flows Kits</td>
<td>6533KEF0001, 6533KEF0002 – 24 Pcs/Ctn</td>
</tr>
<tr>
<td>Peaks &amp; Valleys Kits</td>
<td>6533KPV0001, 6533KPV0002 – 24 Pcs/Ctn</td>
</tr>
<tr>
<td>Rectangular Panels</td>
<td>6533RCH0001, 6533RCH0002 – 16 Pcs/Ctn</td>
</tr>
<tr>
<td>6533RCH0003, 6533RCH0004 – 12 Pcs/Ctn</td>
<td></td>
</tr>
<tr>
<td>6533RCH0005, 6533RCH0006 – 8 Pcs/Ctn</td>
<td></td>
</tr>
<tr>
<td>Custom quantities available, contact <a href="mailto:ASQuote@armstrongceilings.com">ASQuote@armstrongceilings.com</a></td>
<td></td>
</tr>
</tbody>
</table>

**Seismic Restraint**

FeltWorks Blades panels have been engineered, tested, and approved for use in all seismic areas. OSHPD/DSA installations may require additional attachment from panel to suspension bar. See installation instructions for details.

**Greengenie**

Calculate LEED contribution at armstrongceilings.com/greengenie

**Declare**

Details at armstrongceilings.com/greengenie'

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