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 60% 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
- High sound absorption - 0.85 NRC (E-400 Mounting)
- 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)
- Whisper (FWR)
- Flannel (FL)
- Smoke (FSE)
- Shadow (FSW)
- Midnight (FMN)
- Wheat (FWT)
- Mocha (FMC)
- Celestial (FCL)
- Elderberry (FEB)
- Iris (FIS)
- Highland (FHL)
- Buttercup (FBC)
- Tangerine (FTE)
- Apple (FAP)

**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**  
Linear Acoustical Panels

### STANDARD KITTED MODULE OPTIONS

**Ebbs & Flows Kits**

![Ebbs & Flows Kit with 4" blade spacing](image)

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Nominal Dimension (D x L x Thickness)</th>
</tr>
</thead>
</table>
| 6533KEF0001 | 96" Ebbs & Flows Blades Kit  
Includes 6 unique shapes – 4 of each – 24 pcs per kit | Varies x 96" x 3/8" |
| 6533KEF0002 | 48" Ebbs & Flows Blades Kit  
Includes 12 unique shapes – 2 of each – 24 pcs per kit | Varies x 48" x 3/8" |

**Peaks & Valleys Kits**

![Peaks & Valleys Kit with 8" blade spacing](image)

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Nominal Dimension (D x L x Thickness)</th>
</tr>
</thead>
</table>
| 6533KPV0001 | 96" Peaks & Valleys Blades Kit  
Includes 12 unique shapes – 2 of each – 24 pcs per kit | Varies x 96" x 3/8" |
| 6533KPV0002 | 48" Peaks & Valleys Blades Kit  
Includes 6 unique shapes – 4 of each – 24 pcs per kit | Varies x 48" x 3/8" |

**VISUAL SELECTION**

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.

---

**Ebbs & Flows Kits**

<table>
<thead>
<tr>
<th>Install Profile</th>
<th>Item No.</th>
<th>Description</th>
<th>Nominal Dimension (D x L x Thickness)</th>
</tr>
</thead>
</table>
| 96" min         | 6533KEF0001 | 96" Ebbs & Flows Blades Kit  
Includes 6 unique shapes – 4 of each – 24 pcs per kit | Varies x 96" x 3/8" |
| 48" min         | 6533KEF0002 | 48" Ebbs & Flows Blades Kit  
Includes 12 unique shapes – 2 of each – 24 pcs per kit | Varies x 48" x 3/8" |

**Peaks & Valleys Kits**

<table>
<thead>
<tr>
<th>Install Profile</th>
<th>Item No.</th>
<th>Description</th>
<th>Nominal Dimension (D x L x Thickness)</th>
</tr>
</thead>
</table>
| 96" min         | 6533KPV0001 | 96" Peaks & Valleys Blades Kit  
Includes 12 unique shapes – 2 of each – 24 pcs per kit | Varies x 96" x 3/8" |
| 48" min         | 6533KPV0002 | 48" Peaks & Valleys Blades Kit  
Includes 6 unique shapes – 4 of each – 24 pcs per kit | Varies x 48" x 3/8" |

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Linear Acoustical Panels

RECTANGULAR VERTICAL PANEL OPTIONS

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

VISUAL SELECTION

<table>
<thead>
<tr>
<th>Install Profile</th>
<th>Item No.</th>
<th>Description</th>
<th>Nominal Dimension (D x L x Thickness)</th>
<th>Pcs./Ctn</th>
</tr>
</thead>
<tbody>
<tr>
<td>FeltWorks® Blades Rectangles</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6533RCH0001_ _ _</td>
<td>Rectangular Panel</td>
<td>6 x 96 x 3/8”</td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>6533RCH0002_ _ _</td>
<td>Rectangular Panel</td>
<td>8 x 96 x 3/8”</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>6533RCH0003_ _ _</td>
<td>Rectangular Panel</td>
<td>10 x 96 x 3/8”</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>6533RCH0004_ _ _</td>
<td>Rectangular Panel</td>
<td>6 x 48 x 3/8”</td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>6533RCH0005_ _ _</td>
<td>Rectangular Panel</td>
<td>8 x 48 x 3/8”</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>6533RCH0006_ _ _</td>
<td>Rectangular Panel</td>
<td>10 x 48 x 3/8”</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Custom Blades Panel Options</td>
<td>Length: 9” – 96”</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Depth: 4” – 18”</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.

PERFORMANCE Dots represent high level of performance.

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

ACOUSTICAL INFORMATION

<table>
<thead>
<tr>
<th>Panel Thickness</th>
<th>Sound Absorption (Sabins/SF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8”</td>
<td>Up to 0.70</td>
</tr>
</tbody>
</table>

(See acoustical performance data for details)

HIGHT Performance Sustainable Ceiling Systems

EXPOSED STRUCTURE – BLADES & BAFFLES

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**

Linear 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

- 1/4" space between panels

**Staggered layout:**
- 2 - 96" kitted modules and 1 - 48" kitted module

- 1/4" space between panels

### Acoustical Information

<table>
<thead>
<tr>
<th>Panel Thickness</th>
<th>NRC (E-400 Mounting)</th>
<th>Sound Absorption (Sabins/SF of product)</th>
<th>Sound Absorption (Sabins/SF of installed space)</th>
<th>Blade Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot;</td>
<td>0.85</td>
<td>0.70</td>
<td>0.63</td>
<td>12&quot;</td>
</tr>
</tbody>
</table>

### Physical Data

**Material:**
- 3/8" thick non-woven layered and formed polyester felt (PET) fiber panels with color throughout.

**Fire Performance**
- Flame Spread Index 25 or less. Smoke Developed Index 450 or less. Class A per ASTM E84.
- CAN/ULC S102 surface burning characteristics. Flame Spread Rating of 75. Smoke Developed Classification of 105.

**FeltWorks® Blades,** as with other architectural features located in the ceiling plane, may obstruct sources of heat greater than 158 degrees F. Sources of heat greater than 158 degrees F. FeltWorks Blades panels should not be installed near fire detection or suppression systems are present. Any fixtures adjacent to FeltWorks Blades panels must be independently supported. Adjacent panel ends are spaced 1/4" apart using standard suspension bar.

**Application Considerations**
- Color and texture may vary from panel to panel and 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 ceiling application. Peaked & Baffled application, may obstruct sources of heat greater than 158 degrees F.
- Fire Performance:
  - Flame Spread Index 25 or less. Smoke Developed Index 450 or less. Class A per ASTM E84.
  - CAN/ULC S102 surface burning characteristics. Flame Spread Rating of 75. Smoke Developed Classification of 105.

**Design Support**
- Contact the You Inspire™ Solutions Center for custom layouts at solutionscenter@armstrongceilings.com.

**Acoustical Performance**
- Tested per ASTM C423 and mounted in accordance with ASTM E795. NRC of 0.85 based on E-400 mounting. Spacing of blades will impact acoustical performance. Contact TechLine for details at techline@armstrongceilings.com.

**VOC Emissions**
- This standard is the guideline for low emissions in LEED®. CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189, ANSI/GBI Green Building Assessment Protocol.

**Installation Considerations**
- Any fixtures adjacent to FeltWorks Blades panels must be independently supported. Adjacent panel ends are spaced 1/4" apart using standard suspension bar.
- 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.

**Warranty**
- Details at armstrongceilings.com

**Weight:**
- Pieces/Caron: 0.39 lbs/SF

**Ebbs & Flows Kits**
- 6533KEF0001, 6533KEF0002 – 24 Pcs/Ctn

**Peaks & Valleys Kits**
- 6533RCH0001, 6533RCH0002 – 24 Pcs/Ctn
- 6533RCH0003, 6533RCH0005 – 12 Pcs/Ctn
- 6533RCH0006 – 8 Pcs/Ctn

**Custom quantities available, contact ASQuote@armstrongceilings.com**

**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.

**TechLine**
- 1 877 276-7876
- armstrongceilings.com/feltworks

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