

new FELTWORKS® Blades
Linear Acoustical Panels



plus capabilities
to do more

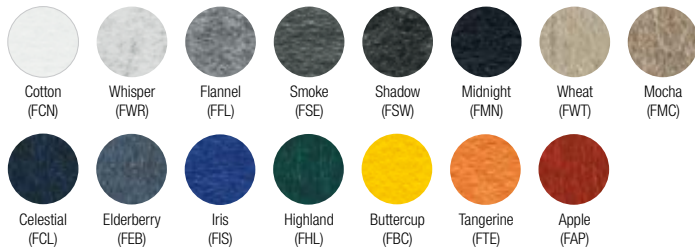
armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery

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

KEY SELECTION ATTRIBUTES

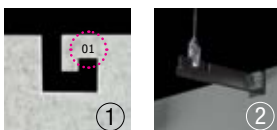
- Soft visual, more quieting acoustics
- Installs with Aluminum Suspension Bar and aircraft cables for a premium installed visual
- FeltWorks® Blades panels are part of the Sustain® portfolio and meet the most stringent industry sustainability standards today
- Made from up to 60% post-consumer recycled 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.



*Explore the
FeltWorks® Blades
Design Guide*

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

GREENGUARD
Gold Certified



SUSTAIN®
High Performance
Sustainable
Ceiling Systems

Declare.

UP TO 60% RECYCLED CONTENT

Calculate LEED contribution at
armstrongceilings.com/greengenie

LEED®

- energy management
- construction waste mgmt
- regional materials
- design for flexibility
- EPD
- recyclable/extended producer resp.
- biobased materials
- recycled content
- sourcing of raw materials
- material ingredient reporting
- low emitting materials
- lighting quality
- acoustics

LOCATION DEPENDENT

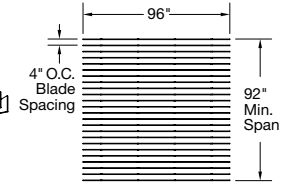
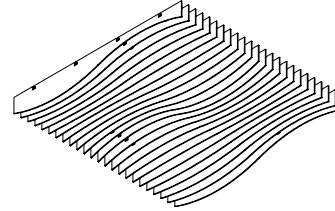
STANDARD KITTED MODULE OPTIONS

Ebbs & Flows Kits

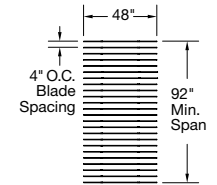
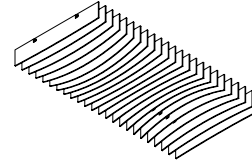


FeltWorks® Blades Ebbs & Flows Kit with 4" blade spacing

96" Ebbs & Flows Blades Kit



48" Ebbs & Flows Blades Kit



VISUAL SELECTION

Install Profile	Item No. ♦	Description	Nominal Dimension (D x L x Thickness)
	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"

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

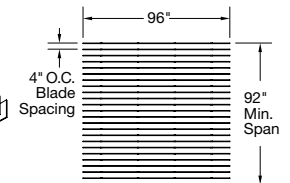
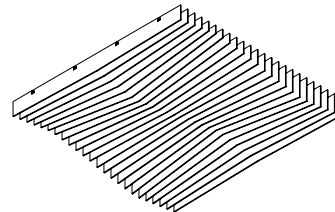
NOTE: All blades in a kitted module must be the same color. For custom shapes, sizes, and layouts, contact ASQuote@armstrongceilings.com. See the FeltWorks Blades Design Guide for easy ways to create custom looks using standard products. See complete performance data on next page.

Peaks & Valleys Kits

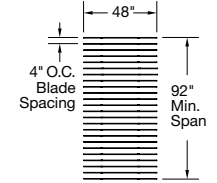
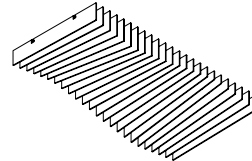


FeltWorks® Blades Peaks & Valleys Kit with 8" blade spacing

96" Peaks & Valleys Blades Kit



48" Peaks & Valleys Blades Kit



VISUAL SELECTION

Install Profile	Item No. ♦	Description	Nominal Dimension (D x L x Thickness)
	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"

♦ 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.





FELTWORKS® Blades

Linear Acoustical Panels

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SUSTAIN®
High Performance
Sustainable
Ceiling Systems

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UP TO 60% RECYCLED CONTENT

LEED®

- energy management
- construction waste mgmt
- regional materials
- design for flexibility
- EPD
- recyclable/extended producer resp.
- biobased materials
- recycled content
- sourcing of raw materials
- material ingredient reporting
- low emitting materials
- lighting quality
- acoustics

Calculate LEED contribution at armstrongceilings.com/greengenie

LOCATION DEPENDENT

RECTANGULAR VERTICAL PANEL OPTIONS

ACOUSTICAL INFORMATION



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

Panel Thickness	Sound Absorption (Sabins/SF)
3/8"	Up to 0.70 (See acoustical performance data for details)

VISUAL SELECTION

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

PERFORMANCE Dots represent high level of performance.

Fire Rating	Light Reflect (White Only)	Certified Low VOC Emissions	Wash	Impact	Scratch
Class A	0.80 •	•	•	•	•
Class A	0.80 •	•	•	•	•
Class A	0.80 •	•	•	•	•
Class A	0.80 •	•	•	•	•
Class A	0.80 •	•	•	•	•
Class A	0.80 •	•	•	•	•
Class A	0.80 •	•	•	•	•

♦ 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.

SUSPENSION SYSTEMS

Item No.	Description	Color	Pcs./Ctn
Hook Installation – Aluminum Suspension System			
8230AB*	96" Suspension Bar for 3/8" FeltWorks® Blades – Connector Holes on Both Ends	Anodized Black	8 bars/4 connectors
6651AB	96" Suspension Bar End-to-End Connectors	Anodized Black	5 connectors
6655**	Blades Hanging Kit	–	1 kit/4 hanging assemblies

* 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.

TechLine 877 276-7876
armstrongceilings.com/feltworks



EXPOSED STRUCTURE – BLADES & BAFFLES



FELTWORKS® Blades

Linear Acoustical Panels

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(details below)

Declare.



SUSTAIN
High Performance
Sustainable
Ceiling Systems

UP TO **60%** RECYCLED CONTENT

Calculate LEED contribution at
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LEED	energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting materials	lighting quality	acoustics
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LOCATION DEPENDENT

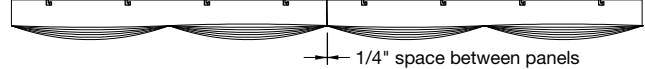
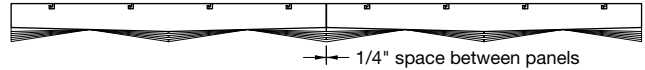
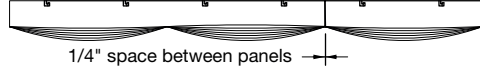
LAYOUT DETAILS

PROFILE VIEW

Peaks & Valleys Kits



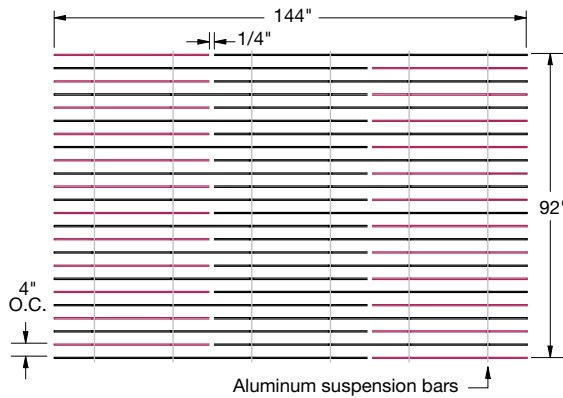
Ebbs & Flows Kits



PLAN VIEW

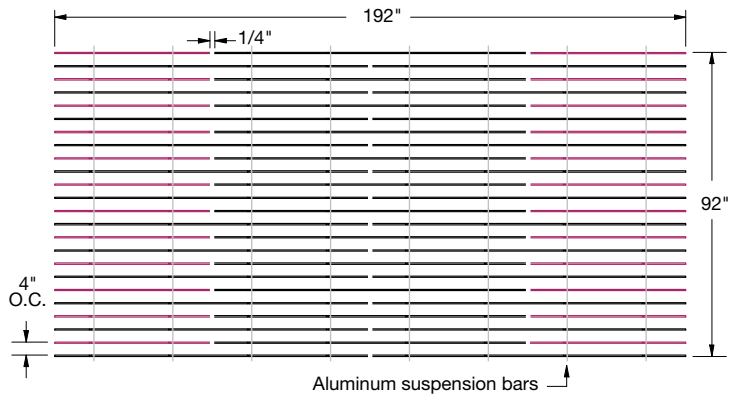
Staggered layout:

1 - 96" kitted module and 1 - 48" kitted module



Staggered layout:

2 - 96" kitted modules and 1 - 48" kitted module



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.

ACOUSTICAL INFORMATION

Panel Thickness	NRC (E-400 Mounting)	Average Blade Height	Sound Absorption (Sabins/SF of product)	Sound Absorption (Sabins/SF of installed space)	Blade Spacing
3/8"	0.85	10"	0.70	0.63	12"

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 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.

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 exterior application.

FeltWorks Blades panels should not be installed near sources of heat greater than 158 degrees F.

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

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Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.2-2017. 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.

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818



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/Carton

0.39 lbs/SF

Ebbs & Flows Kits

6533KEF0001, 6533KEF0002 - 24 Pcs/Ctn

Peaks & Valleys Kits

6533KPV0001, 6533KPV0002 - 24 Pcs/Ctn

Rectangular Panels

6533RCH0001, 6533RCH0004 - 16 Pcs/Ctn

6533RCH0002, 6533RCH0005 - 12 Pcs/Ctn

6533RCH0003, 6533RCH0006 - 8 Pcs/Ctn

Custom quantities available, contact ASQuote@armstrongceilings.com

TechLine / 1 877 276-7876
armstrongceilings.com/feltworks
(search: feltworks blades)

BPCS-6138-720

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