FELTWORKS® Open Cell
Wall-to-Wall Ceiling Application

SUSTAIN®
High Performance
Sustainable
Ceiling Systems

plus capabilities
to do more

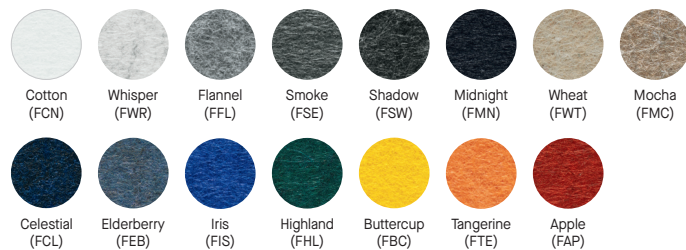FeltWorks® Open Cell Peaks & Valleys panels in Cotton

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

FeltWorks Open Cell panel kits add acoustics and custom looks to any interior space using Bottom, Mid, and Top 1/4" thick panels that fit together.
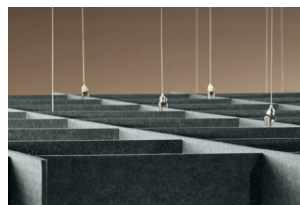
KEY SELECTION ATTRIBUTES

· Kits available in 3 designs: Ebbs & Flows, Peaks & Valleys, and Rectangular panels (6" or 12" depths)

· Kits can be interlinked to create a wall-to-wall installation

· FeltWorks® Open Cell panels are part of the Sustain® portfolio and meet the most stringent industry sustainability compliance standards today

· Made from up to 60% post-consumer recycled PET fibers

· CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim

· No need to field-finish cut edges with color throughout panels

· Installation on the Hanging Kit allows for panel removal for access to plenum

· Sound absorption – 0.52 Sabins/SF

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

Cotton (FCN)	Whisper (FWR)	Flannel (FFL)	Smoke (FSE)	Shadow (FSW)	Midnight (FMN)	Wheat (FWT)	Mocha (FMC)
Celestial (FCL)	Elderberry (FEB)	Iris (FIS)	Highland (FHL)	Buttercup (FBC)	Tangerine (FTE)	Apple (FAP)	

Experience, Above All™

FeltWorks®
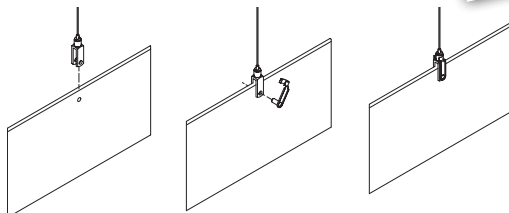Open Cell
Design Guide

Armstrong
World Industries

*Explore the
FeltWorks® Open Cell
Design Guide*

DETAILS

Hanging Kit (Item 6655L8CR) assembly detail

TechLine 877 276-7876

armstrongceilings.com/feltworksopencell

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FELTWORKS® Open Cell

Wall-to-Wall Ceiling Application – Ebbs & Flows Panel Kits

FeltWorks® Open Cell Ebbs & Flows panels in Tangerine

ACOUSTICAL INFORMATION

Panel Thickness	Sound Absorption (Sabins/SF)
1/4"	Up to 0.52

STANDARD KITTED MODULE OPTIONS

S8 Ebbs & Flows Open Cell Kit
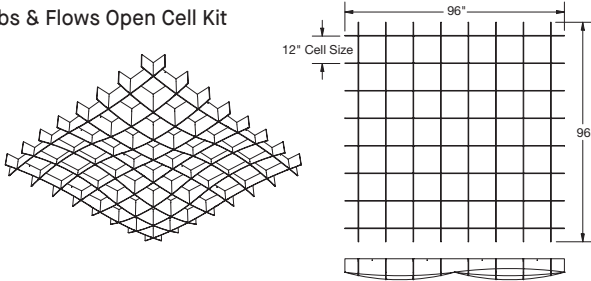
R4 or R8 Ebbs & Flows Open Cell Kit

VISUAL SELECTION

Ebbs & Flows Open Cell Kits

PERFORMANCE

Item No.◆	Description	Kit Nominal Dimensions (W × L × D)	Top & Bottom Panel Length	Mid Panel Length	Panels per Kit	SF of Installed Space	Fire Rating	Light Reflect (Cotton only)	Certified Low VOC Emissions	Spray (CleanAssure™ Disinfectable Panels)	Water Repel	Impact	Scratch
6532KOE09S4_ _ _	S4 Ebbs & Flows Open Cell Kit (Kit includes two 48" × 48" assemblies)	48 × 48 × 9"	48"	48"	8	32	Class A	0.80	•	•	•	•	•
6532KOE09R4_ _ _	R4 Ebbs & Flows Open Cell Kit	48 × 96 × 9"	48"	96"	12	32	Class A	0.80	•	•	•	•	•
6532KOE09R8_ _ _	R8 Ebbs & Flows Open Cell Kit	96 × 48 × 9"	96"	48"	12	32	Class A	0.80	•	•	•	•	•
6532KOE09S8_ _ _	S8 Ebbs & Flows Open Cell Kit	96 × 96 × 9"	96"	96"	16	64	Class A	0.80	•	•	•	•	•

◆ When specifying or ordering, add 3-letter color suffix to item number.
NOTE: All panels in a kitted module must be the same color. A 1/4" gap exists between the ends of panels for best visual.
For custom shapes, sizes, and layouts, contact ASQuote@armstrongceilings.com
See the FeltWorks® Open Cell Design Guide for easy ways to create custom looks using standard products.

Dots represent high level of performance.

FELTWORKS® Open Cell

Wall-to-Wall Ceiling Application – Peaks & Valleys Panel Kits

SUSTAIN®
High Performance
Sustainable Ceiling Systems

Declare.

RECYCLED CONTENT
UP TO **60%**

LEED V5

COMMON MATERIALS FRAMEWORK		Climate Health	
Human Health	**Declare Label**	Ecosystem Health	
	HPD		
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

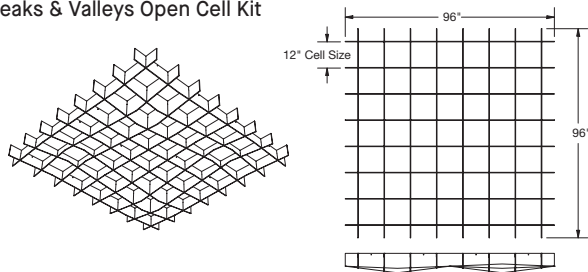## ACOUSTICAL INFORMATION

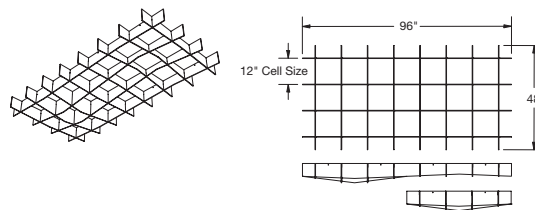| Panel Thickness	Sound Absorption (Sabins/SF)
1/4"	Up to 0.52

FeltWorks® Open Cell Peaks & Valleys panels in Cotton

STANDARD KITTED MODULE OPTIONS

S8 Peaks & Valleys Open Cell Kit

96"
12" Cell Size
96"

R4 or R8 Peaks & Valleys Open Cell Kit

96"
12" Cell Size
48"

VISUAL SELECTION

PERFORMANCE

	Item No.◆	Description	Kit Nominal Dimensions (W × L × D)	Top & Bottom Panel Length	Mid Panel Length	Panels per Kit	SF of Installed Space	Fire Rating	Light Reflect (Cotton only)	Certified Low VOC Emissions	Spray (CleanAssure™ Disinfectable Panels)	Water Repel (DURABILITY)	Impact	Scratch
Peaks & Valleys Open Cell Kits	**6532KOP09S4_ _ _**	S4 Peaks & Valleys Open Cell Kit (Kit includes two 48" × 48" assemblies)	48 × 48 × 9"	48"	48"	8	32	Class A	0.80 •	•	•	•	•	•
	6532KOP09R4_ _ _	R4 Peaks & Valleys Open Cell Kit	48 × 96 × 9"	48"	96"	12	32	Class A	0.80 •	•	•	•	•	•
	6532KOP09R8_ _ _	R8 Peaks & Valleys Open Cell Kit	96 × 48 × 9"	96"	48"	12	32	Class A	0.80 •	•	•	•	•	•
	6532KOP09S8_ _ _	S8 Peaks & Valleys Open Cell Kit	96 × 96 × 9"	96"	96"	16	64	Class A	0.80 •	•	•	•	•	•

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Wall-to-Wall Ceiling Application – Rectangular Panel Kits

FeltWorks® Open Cell Rectangles panels in Smoke

ACOUSTICAL INFORMATION

Panel Thickness	Sound Absorption (Sabins/SF)
1/4"	Up to 0.52

STANDARD KITTED MODULE OPTIONS

S8 Rectangles 6" Depth Open Cell Kit

12" Cell Size — 96" × 96"

S8 Rectangles 12" Depth Open Cell Kit

12" Cell Size — 96" × 96"
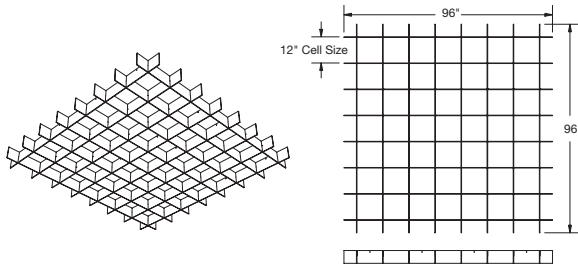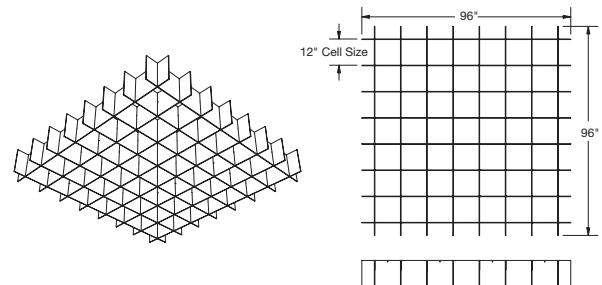
VISUAL SELECTION

	Item No.◆	Description	Kit Nominal Dimensions (W × L × D)	Top & Bottom Panel Length	Mid Panel Length	Panels per Kit	SF of Installed Space
Rectangles Open Cell Kits							
96" / 6" / 48" / 6"	6532KORO6R8_ _ _	R8 Rectangles 6" Depth Open Cell Kit	96 × 48 × 6"	96"	48"	12	32
96" / 6"	6532KORO6S8_ _ _	S8 Rectangles 6" Depth Open Cell Kit	96 × 96 × 6"	96"	96"	16	64
96" / 12" / 48" / 12"	6532KOR12R8_ _ _	R8 Rectangles 12" Depth Open Cell Kit	96 × 48 × 12"	96"	48"	12	32
95.75" / 12"	6532KOR12S8_ _ _	S8 Rectangles 12" Depth Open Cell Kit	96 × 96 × 12"	96"	96"	16	64

PERFORMANCE

	Fire Rating	Light Reflect (Cotton only)	Certified Low VOC Emissions	CleanAssure™ Disinfectable Panels — Spray	DURABILITY — Impact	Scratch
	Class A	0.80 •	•	•	•	•
	Class A	0.80 •	•	•	•	•
	Class A	0.80 •	•	•	•	•
	Class A	0.80 •	•	•	•	•

Dots represent high level of performance.

◆ When specifying or ordering, add 3-letter color suffix to item number.
NOTE: All panels in a kitted module must be the same color. A 1/4" gap exists between the ends of panels for best visual.
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Wall-to-Wall Ceiling Application

STANDARD KITTED MODULE OPTIONS

R4 or R8 Rectangles 6" Depth Open Cell Kit

96"
12" Cell Size
48"

R4 or R8 Rectangles 12" Depth Open Cell Kit

96"
12" Cell Size
48"

VISUAL SELECTION

PERFORMANCE

	Item No.◆	Description	Kit Nominal Dimensions (W × L × D)	Top & Bottom Panel Length	Mid Panel Length	Panels per Kit	SF of Installed Space	Fire Rating	Light Reflect (Cotton only)	Certified Low VOC Emissions	Spray	Water Repel	Impact	Scratch
Rectangles Open Cell Kits	**6532KOR06S4 _ _ _**	S4 Rectangles 6" Depth Open Cell Kit (Kit includes two 48" × 48" assemblies)	48 × 48 × 6"	48"	48"	8	32	Class A	0.80 •	•	•	•	•	•
	6532KOR06R4 _ _ _	R4 Rectangles 6"Depth Open Cell Kit	48 × 96 × 6"	48"	96"	12	32	Class A	0.80 •	•	•	•	•	•
	6532KOR12S4 _ _ _	S4 Rectangles 12" Depth Open Cell Kit (Kit includes two 48" × 48" assemblies)	48 × 48 × 12"	48"	48"	8	32	Class A	0.80 •	•	•	•	•	•
	6532KOR12R4 _ _ _	R4 Rectangles 12" Depth Open Cell Kit	48 × 96 × 12"	48"	96"	12	32	Class A	0.80 •	•	•	•	•	•

CleanAssure™ Disinfectable Panels   DURABILITY

◆ When specifying or ordering, add 3-letter color suffix to item number.
NOTE: All panels in a kitted module must be the same color. A 1/4" gap exists between the ends of panels for best visual.
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FELTWORKS® Open Cell
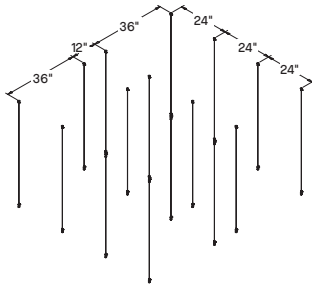## Wall-to-Wall Ceiling Application

SUSTAIN®
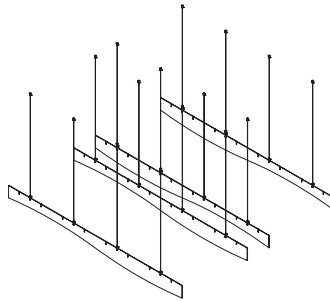High Performance
Sustainable Ceiling Systems

Declare.

RECYCLED CONTENT
UP TO
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LEED V5

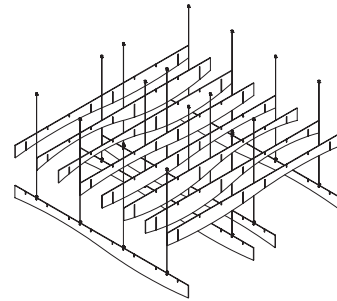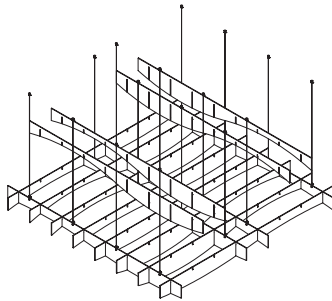| COMMON MATERIALS FRAMEWORK		Climate Health	
Human Health	**Declare Label**	Ecosystem Health	
	HPD		
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

LAYOUT DETAILS/INSTALLATION DETAILS

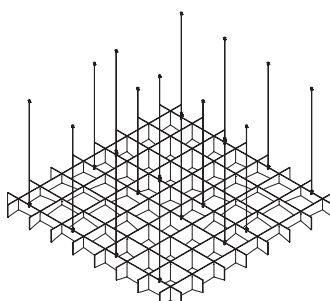Step 1: Attach Hanging Kits to Deck

Step 2: Attach Bottom Panels to Hanging Kits

Step 3: Insert Mids Perpendicular to Bottom Panels

Step 4: Insert Top Panels Parallel to Bottoms

Complete Installation

SUSPENSION SYSTEMS

	Item No.◆	Description	Color	Pcs./Ctn
Aluminum Suspension System	**6655L8CR**	Hanging Kit	N/A	1 kit/4 hanging assemblies

Each Blades Hanging Kit includes 4 hanging assemblies. Use one kit for each Suspension Bar.

PHYSICAL DATA

Material
1/4" 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 or less. Smoke Developed Classification of 105.

FeltWorks® Open Cell panels, 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 Open Cell panels are not approved for exterior application.

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

Design & Pre-Construction Service
For complimentary design and pre-construction assistance, contact ProjectWorks® or visit armstrongceilings.com/projectworks

Acoustical Performance
Tested per ASTM C423 and mounted in accordance with ASTM E795. Sound absorption of 0.52 Sabins/SF. Contact TechLine for details at techline@armstrongceilings.com

VOC Emissions
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®, WELL Building Standard®, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Installation Considerations
Any fixtures adjacent to FeltWorks Open Cell panels must be independently supported.

Seismic Restraint
FeltWorks Open Cell panels have been engineered, tested, and approved for use in all seismic areas. See installation instructions for details.

Cleaning and Disinfecting
Cleaning and CDC approved disinfecting options available on armstrongceilings.com/cleaning

Warranty
Details at armstrongceilings.com/warranty

Weight; Pieces/Carton
0.33 lbs/SF

Custom quantities available, contact ASQuote@armstrongceilings.com

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BPCS-6447-925

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