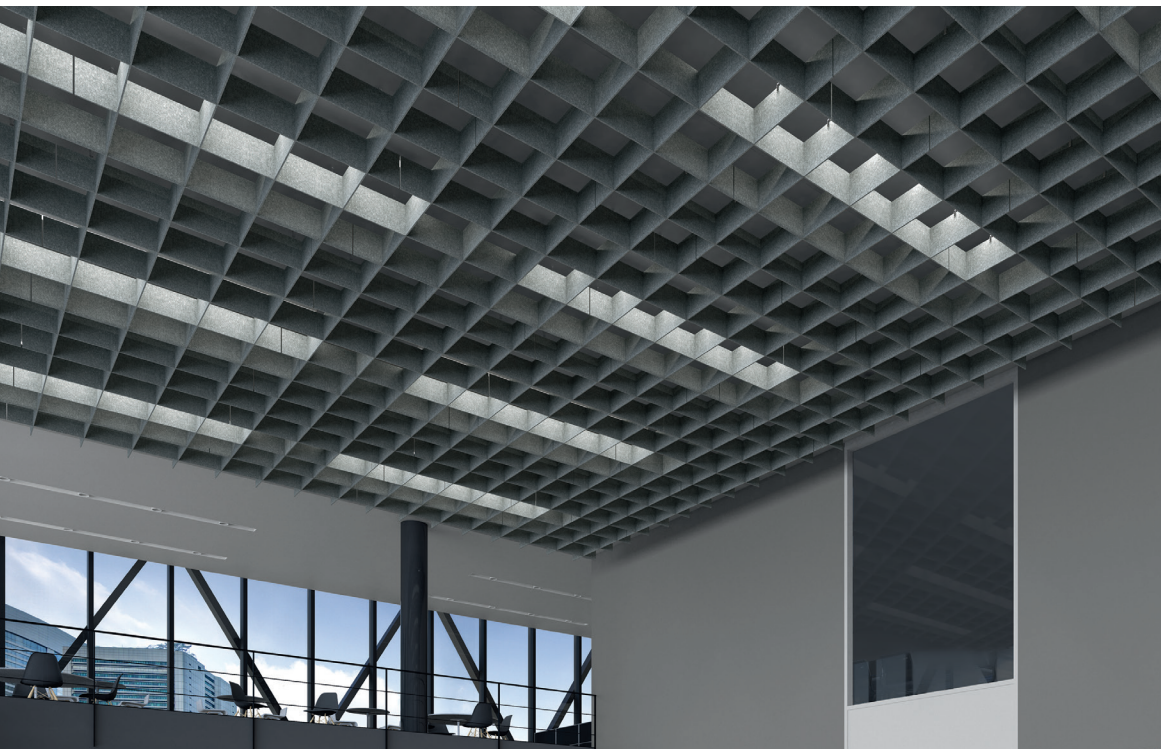


FELTWORKS® Open Cell

Wall-to-Wall Ceiling Application



FeltWorks® Open Cell Peaks & Valleys panels in Cotton

CAD/Revit® drawings at:
armstrongceilings.com/cadrevit



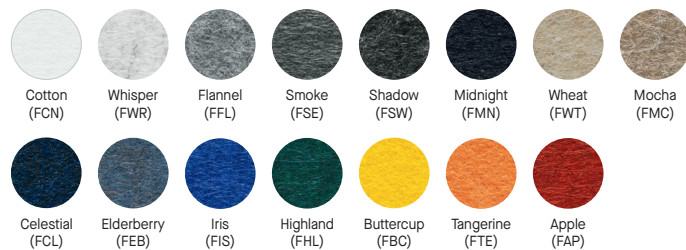
armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery

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

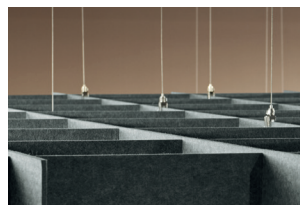
- Kits available in 3 designs: Ebbs & Flows, Peaks & Valleys, and Rectangular panels (6" or 12" depths)
- Kits can be interlinked to create a wall-to-wall installation
- FeltWorks® Open Cell panels are part of the Sustain® portfolio and meet the most stringent industry sustainability compliance standards 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.

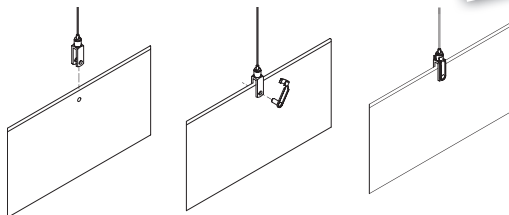


*Explore the
FeltWorks® Open Cell
Design Guide*

DETAILS



Hanging Kit (Item 6655L8CR) assembly detail



TechLine 877 276-7876
armstrongceilings.com/feltworksupencell

Armstrong®
World Industries

FELTWORKS® Open Cell

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



LEED® WELL™ LBC

UP TO 60% RECYCLED CONTENT

energy management

construction waste mgmt

regional materials

design for flexibility

EPD

recyclable/ biobased materials

recycled content

sourcing of raw materials

material ingredient reporting

low emitting/ materials

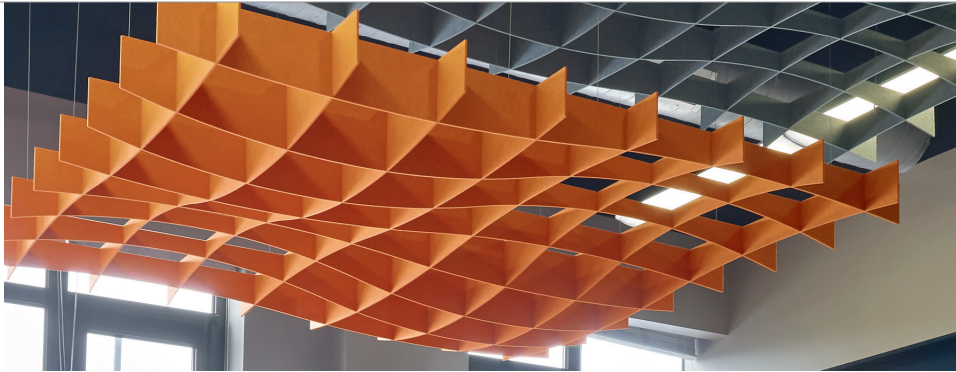
lighting quality

acoustics

LOCATION DEPENDENT

COTTON ONLY

For LEED contribution contact TechLine



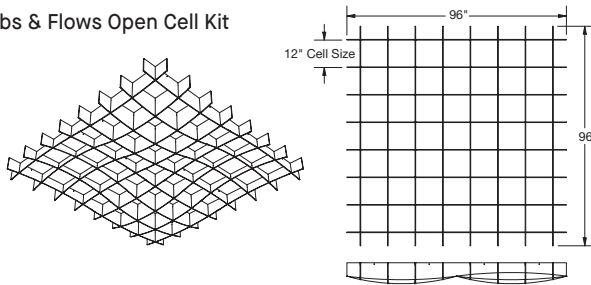
FeltWorks® Open Cell Ebbs & Flows panels in Tangerine

ACOUSTICAL INFORMATION

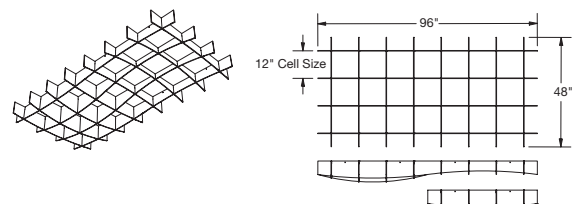
Panel Thickness	Sound Absorption (Sabins/SF)
1/4"	Up to 0.52

STANDARD KITTED MODULE OPTIONS

S8 Ebbs & Flows Open Cell Kit



R4 or R8 Ebbs & Flows Open Cell Kit



VISUAL SELECTION

	Item No. ♦	Description	Kit Nominal Dimensions (W x L x D)	Top Panel Length	Bottom Mid Panel Length	SF of Panels Installed per Kit	SF of Space
	6532KOE09S4_ _	S4 Ebbs & Flows Open Cell Kit (Kit includes two 48" x 48" assemblies)	48 x 48 x 9"	48"	48"	8	32
	6532KOE09R4_ _	R4 Ebbs & Flows Open Cell Kit	48 x 96 x 9"	48"	96"	12	32
	6532KOE09R8_ _	R8 Ebbs & Flows Open Cell Kit	96 x 48 x 9"	96"	48"	12	32
	6532KOE09S8_ _	S8 Ebbs & Flows Open Cell Kit	96 x 96 x 9"	96"	96"	16	64

♦ 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.

PERFORMANCE

(Cotton only)		CleanAssure™ Disinfectable Panels		DURABILITY			
Fire Rating	Light Reflect	Spray	Water Repel	Impact	Scratch		
Class 0.80 A	*	*	*	*	*		
Class 0.80 A	*	*	*	*	*		
Class 0.80 A	*	*	*	*	*		
Class 0.80 A	*	*	*	*	*		

Dots represent high level of performance.



FELTWORKS® Open Cell

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



Declare.



For LEED contribution contact TechLine

LOCATION DEPENDENT

COTTON ONLY

ACOUSTICAL INFORMATION

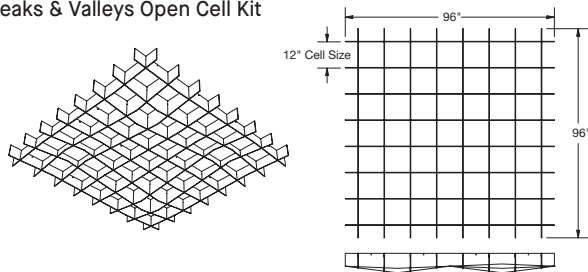
Panel Thickness	Sound Absorption (Sabins/SF)
1/4"	Up to 0.52



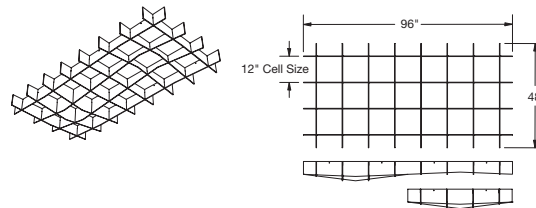
FeltWorks® Open Cell Peaks & Valleys panels in Cotton

STANDARD KITTED MODULE OPTIONS

S8 Peaks & Valleys Open Cell Kit



R4 or R8 Peaks & Valleys Open Cell Kit



VISUAL SELECTION

	Item No. ♦	Description	Kit Nominal Dimensions (W x L x D)	Top Panel Length	Bottom Mid Panel Length per Kit	SF of Panels Installed	SF of Space
Peaks & Valleys Open Cell Kits	6532KOP09S4_	S4 Peaks & Valleys Open Cell Kit (Kit includes two 48" x 48" assemblies)	48 x 48 x 9"	48"	48"	8	32
	6532KOP09R4_	R4 Peaks & Valleys Open Cell Kit	48 x 96 x 9"	48"	96"	12	32
	6532KOP09R8_	R8 Peaks & Valleys Open Cell Kit	96 x 48 x 9"	96"	48"	12	32
	6532KOP09S8_	S8 Peaks & Valleys Open Cell Kit	96 x 96 x 9"	96"	96"	16	64

♦ 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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See the FeltWorks® Open Cell Design Guide for easy ways to create custom looks using standard products.

PERFORMANCE

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

Dots represent high level of performance.



FELTWORKS® Open Cell

Wall-to-Wall Ceiling Application – Rectangular Panel Kits



LEED® WELL | LBC

UP TO 60% RECYCLED CONTENT

energy management

construction waste mgmt

regional materials

design for flexibility

EPD

recyclable/ biobased materials

recycled content

sourcing of raw materials

material ingredient reporting

low emitting/ materials

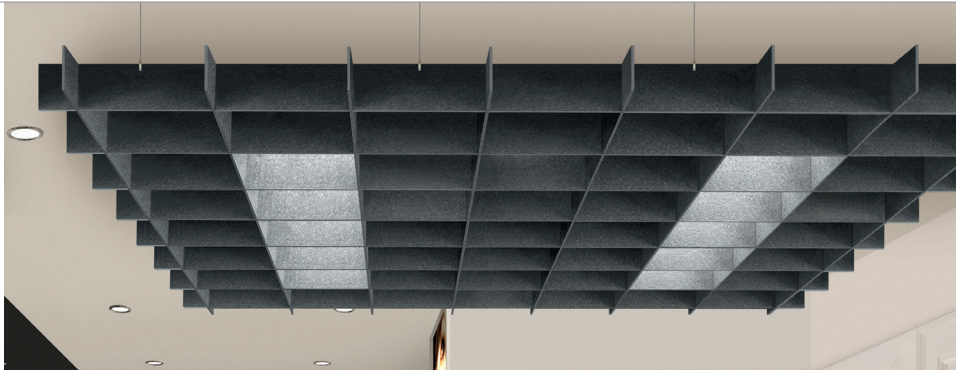
lighting quality

acoustics

LOCATION DEPENDENT

COTTON ONLY

For LEED contribution contact TechLine



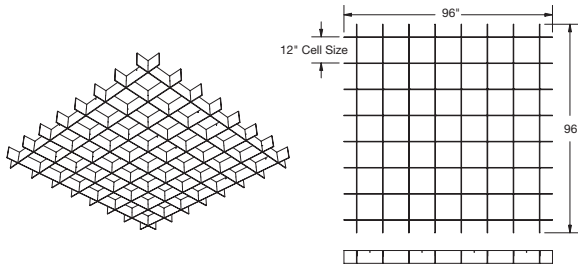
FeltWorks® Open Cell Rectangles panels in Smoke

ACOUSTICAL INFORMATION

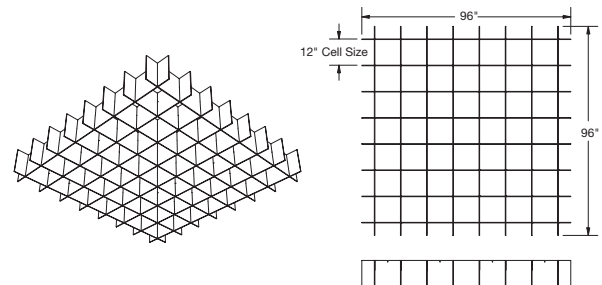
Panel Thickness	Sound Absorption (Sabins/SF)
1/4"	Up to 0.52

STANDARD KITTED MODULE OPTIONS

S8 Rectangles 6" Depth Open Cell Kit



S8 Rectangles 12" Depth Open Cell Kit



VISUAL SELECTION

	Item No. ♦	Description	Kit Nominal Dimensions (W x L x D)	Top & Bottom Panel Length	Mid Panel Length	SF of Panels Installed per Kit	SF of Space
Rectangles Open Cell Kits	6532KOR06R8	R8 Rectangles 6" Depth Open Cell Kit	96" x 48" x 6"	96"	48"	12	32
	6532KOR06S8	S8 Rectangles 6" Depth Open Cell Kit	96" x 96" x 6"	96"	96"	16	64
	6532KOR12R8	R8 Rectangles 12" Depth Open Cell Kit	96" x 48" x 12"	96"	48"	12	32
	6532KOR12S8	S8 Rectangles 12" Depth Open Cell Kit	96" x 96" x 12"	96"	96"	16	64

♦ 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.

PERFORMANCE

Fire Rating	Light Reflect	Certified Low VOC Emissions	CleanAssure™ Disinfectable Panels	DURABILITY
Spray	Impact	Scratch		
Class A	0.80	*	*	*
Class A	0.80	*	*	*
Class A	0.80	*	*	*
Class A	0.80	*	*	*

Dots represent high level of performance.

FELTWORKS® Open Cell

Wall-to-Wall Ceiling Application



LEED WELL LBC

UP TO 60% RECYCLED CONTENT

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

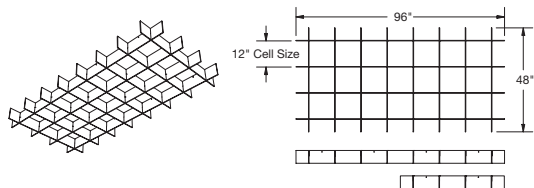
LOCATION DEPENDENT

COTTON ONLY

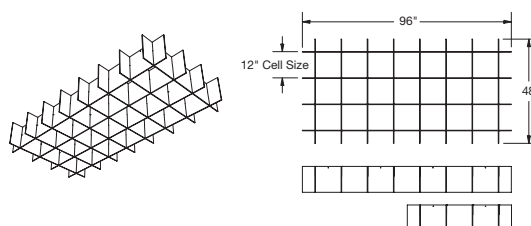
For LEED contribution contact TechLine

STANDARD KITTED MODULE OPTIONS

R4 or R8 Rectangles 6" Depth Open Cell Kit



R4 or R8 Rectangles 12" Depth Open Cell Kit



VISUAL SELECTION

	Item No. ♦	Description	Kit Nominal Dimensions (W x L x D)	Top & Bottom Panel Length	Mid Panel Length per Kit	Panels Installed	SF of Installed Space
Rectangles Open Cell Kits	6532KOR06S4	S4 Rectangles 6" Depth Open Cell Kit (Kit includes two 48" x 48" assemblies)	48 x 48 x 6"	48"	48"	8	32
	6532KOR06R4	R4 Rectangles 6" Depth Open Cell Kit	48 x 96 x 6"	48"	96"	12	32
	6532KOR12S4	S4 Rectangles 12" Depth Open Cell Kit (Kit includes two 48" x 48" assemblies)	48 x 48 x 12"	48"	48"	8	32
	6532KOR12R4	R4 Rectangles 12" Depth Open Cell Kit	48 x 96 x 12"	48"	96"	12	32

PERFORMANCE

(Cotton only)		CleanAssure™ Disinfectable Panels		DURABILITY			
Fire Rating	Light Reflect	Certified Low VOC Emissions	Spray	Water Repel	Impact	Scratch	
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: 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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 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



LEED® WELL | LBC

UP TO 60% RECYCLED CONTENT

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design for flexibility

EPD

recyclable/ biobased materials

recycled content

sourcing of raw materials

material ingredient reporting

low emitting/ materials

lighting quality

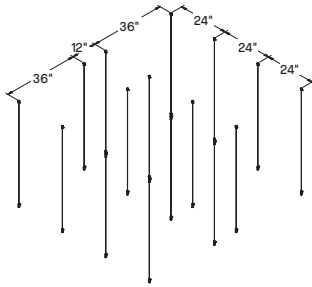
acoustics

LOCATION DEPENDENT

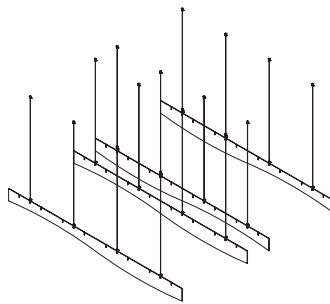
COTTON ONLY

For LEED contribution contact TechLine

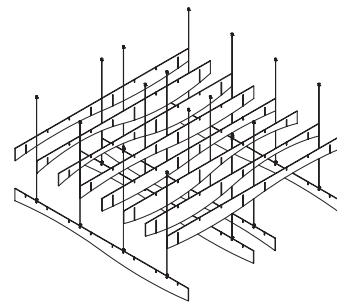
LAYOUT DETAILS/INSTALLATION DETAILS



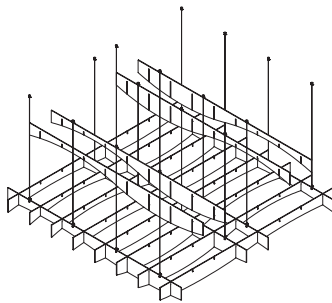
Step 1: Attach Hanging Kits to Deck



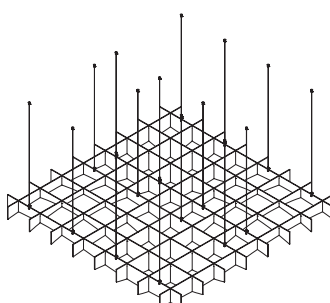
Step 2: Attach Bottom Panels to Hanging Kits



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/Carion

0.33 lbs/SF

Custom quantities available, contact ASQuote@armstrongceilings.com

