



Fracture Ceiling Panels

Premier Collection

Fracture ceiling panels combine precise craftsmanship with exceptional sound absorption. When installed in series, these panels create striking, large-scale designs that infuse any space with rich color, depth, and texture. Transform interiors with dynamic patterns of repeating shapes carved into dense acoustic felt. Offering high-performance acoustics and captivating visual appeal, Fracture ceiling panels elevate the aesthetic and functionality of any environment.

Specifications

Surface	Ceiling
Material	FilaSorb™ polyester felt
Weight	0.49 lb./ft ² (±10%) 0.98 lb./ft ² (±10%)
Standard Sizes	24" W x 24" L 48" W x 48" L



Fracture Ceiling Panel with Keystone Pattern in Periwinkle



Fracture Ceiling Panel with Crow Pattern in Wheat and Popcorn

Technical

NRC Rating	12mm* 0.45, no air gap 0.85, 200mm air gap 24mm* 0.60, no air gap
Fire Test	ASTM E84, Class A Flame spread index: 15 Smoke developed index: 200
Water Sorption	ASTM C1104-2019 (A Modified) Water sorbed by weight: 0.20% (based on a 12mm thick panel)
Colorfastness	ISO 105-B02, 6-7

* Test results available upon request

Details

Lead Time	3 – 6 weeks
Origin	Manufactured and assembled in the US
Warranty	Product: 20 years* Colorfastness: 20 years*

* Conditions apply

Environmental

Recycled Content	Minimum 60%
Energy	Generated using 40% solar energy
Indoor Air Quality	VOC less than/equal to 0.5mg/m3
Recyclable	100%*
Certifications	Health Product Declaration (HPD)** Declare Certification - LBC Red List Free (third-party verified) SCS Global Indoor Advantage Gold

* PET is recyclable through participating partners

** HPD only applies to 12mm thickness



® The Health Product Declaration logo is a registered trademark of HPD Collaborative.



For questions or additional product information, visit [acoufelt.com](https://www.acoufelt.com) or call **800.966.8557**.

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Colorways

PREMIER



White
WH12



Milkyway
MI74



Ivory
IV11



Pearl
PE21



Valentine
VA70



Quartz
QU67



Stonewash
ST72



Sea Salt
SE57



Platinum
PL04



Almond
AL55



Pistachio
PI25



Turmeric
TU60



Flamingo
FL61



Amethyst
AM69



Periwinkle
PE23



Peacock
PE20



Metal
ME03



Mushroom
MU75



Celery
CE65



Wheat
WH68



Peach
PE19



Lilac
LI13



Marine
MA15



Sencha
SE58



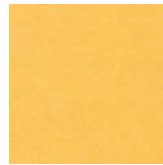
Grey
GR02



Umber
UM54



Wasabi
WA29



Popcorn
PO26



Currant
CU59



Berry
BE06



Azure
AZ05



Oregano
OR18



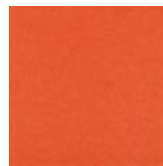
Charcoal
CH01



Walnut
WA56



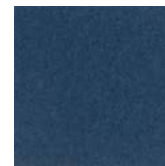
Eucalyptus
EU71



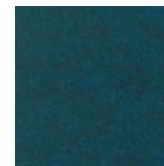
Carrot
CA08



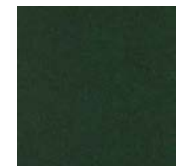
Loganberry
LO77



Granite
GR62



Denim
DE09



Kale
KA12



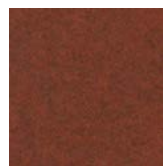
Piano Black
PI24



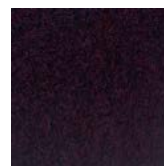
Slate
SL27



Nori
NO76



Peppercorn
PE22



Shiraz
SH63



Flint
FL64



Midnight
MI16

Order samples at acoufelt.com/colorways

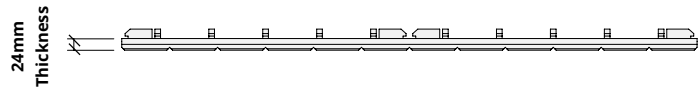
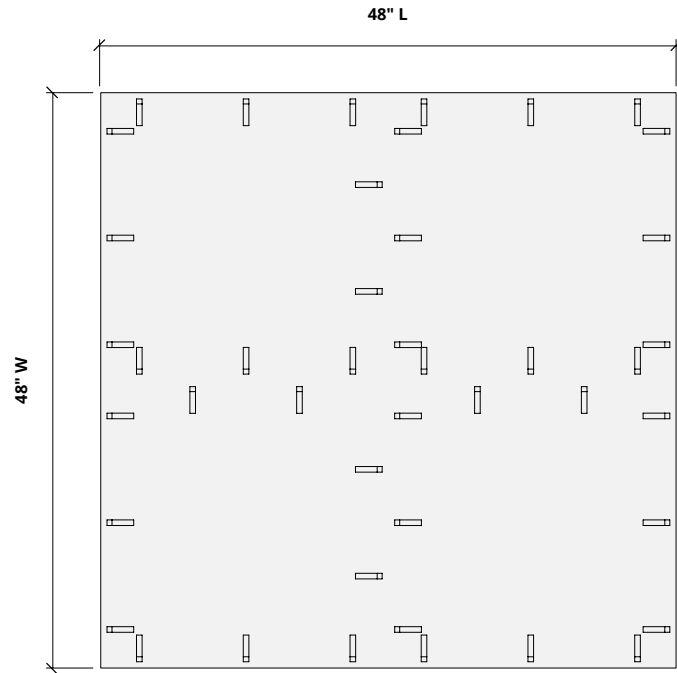
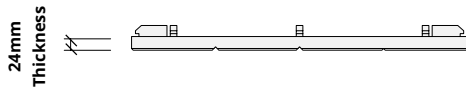
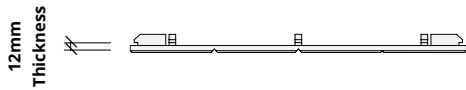
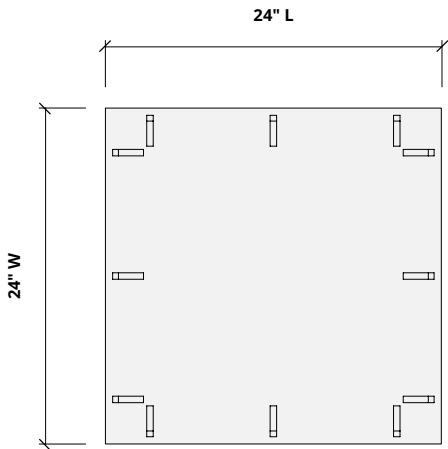


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Sizes

Standard Sizes 24" W x 24" L
 48" W x 48" L

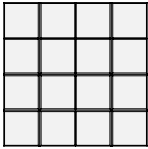


How to Specify

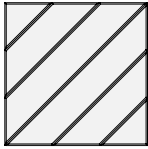
1. Choose Panel Pattern

2. Choose Colorways

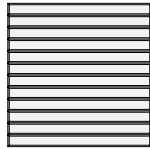
Select desired panel pattern. See recommended layouts for larger designs.



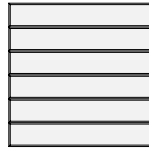
PATCHWORK



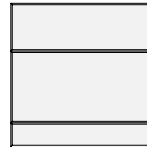
RAYS



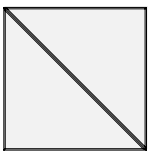
EVEN



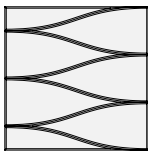
ROWS



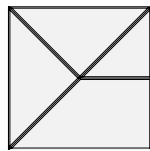
LEVEL



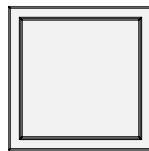
HALF



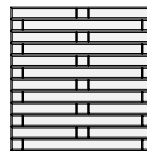
ORNAMENTAL



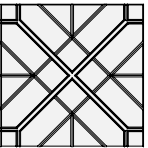
CROW



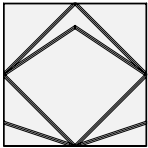
WINDOW



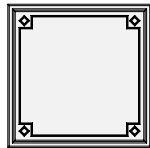
CABIN



QUILTED



KEYSTONE



STAMPED

1. Choose Panel Pattern

2. Choose Colorways

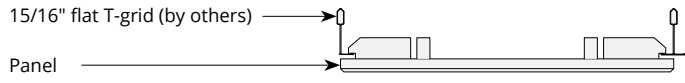
See colorway choices on page 3.



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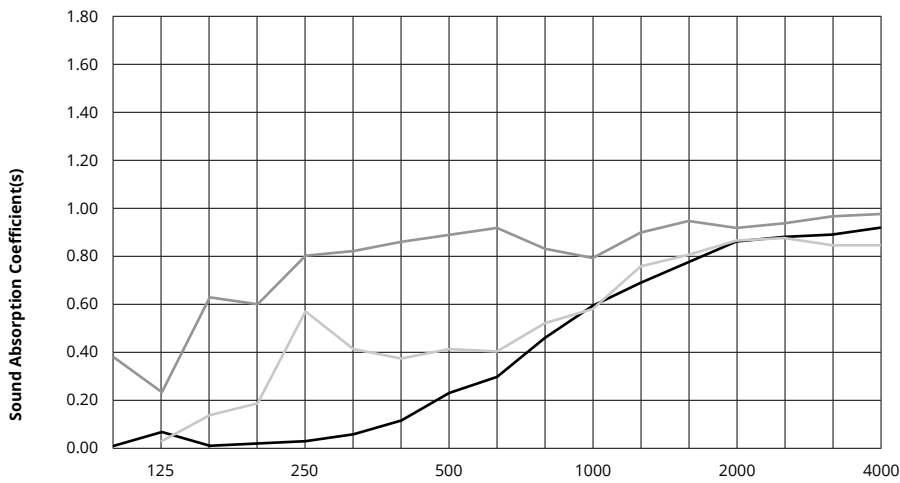
Mounting Methods

Direct to 15/16" T-grid



Acoustic Performance

Test Method	ASTM E795-16
Install Method	A
Rating Method	ISO 11654-1997 acoustic – sound absorbers for use in buildings – rating of sound absorption
Mounting Method	No air gap
Test Results	<p>12mm 0.45, no air gap 0.85, 200mm air gap</p> <p>24mm 0.60, no air gap</p>




	Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
	12mm	0.06	0.02	0.23	0.61	0.89	0.95	0.45
	12mm, 200mm air gap	0.22	0.81	0.90	0.80	0.93	0.99	0.85
	24mm	0.02	0.57	0.41	0.58	0.87	0.85	0.60

What is a Noise Reduction Coefficient (NRC)?

You'll find the NRC rating in the specifications of all of our products. This acronym stands for Noise Reduction Coefficient, and is expressed as a single number, a rating that describes the degree to which acoustic products can absorb sound.

You can use NRC values to understand the overall performance of our acoustic wall and ceiling products. The higher the NRC, the better the product is at soaking up the sound.

Performance Indices: Noise Reduction Coefficient (NRC) results represent the absorption coefficients measured at the one third octave bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customization of installation of the product could alter the results. Sound Absorption Average (SAA) indicates the absorption coefficient average for the twelve one-third octave bands ranging between 200 and 2500 Hz.

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