

## Fracture Wall Tiles

Essentials Collection

Fracture modular acoustic tiles are designed for versatile installation and design. Geometric patterns are beveled onto square and rectangular tiles to create spectacular full-scale patterns of rich color, depth, shadow, and texture.

## Specifications

<b>Surface</b>	Wall
<b>Material</b>	WhisperTex™ polyester felt
<b>Thickness</b>	3/8", 9mm (±10%) 3/4", 18mm (±10%)
<b>Weight</b>	9mm, 0.34 lb./ft <sup>2</sup> (±10%) 18mm, 0.68 lb./ft <sup>2</sup> (±10%)
<b>Standard Sizes</b>	12" W x 12" H 12" W x 24" H 24" W x 12" H



Fracture with Deco Pattern in Shale



Fracture with Barcode 1,2 Pattern in Silt

## Technical

<b>NRC Rating</b>	Material: 0.35 Product: Testing is pending
<b>Fire Test</b>	ASTM E84, Class A Flame spread index: 15 Smoke developed index: 200
<b>Colorfastness</b>	ISO 105-B02, 6-7

## Details

<b>Lead Time</b>	3 - 6 weeks
<b>Origin</b>	Manufactured and assembled in the US
<b>Warranty</b>	Product: 20 years* Colorfastness: 20 years*

\* Conditions apply

## Environmental

<b>Recycled Content</b>	Minimum 55%
<b>Indoor Air Quality</b>	VOC less than/equal to 0.5mg/m <sup>3</sup>
<b>Recyclable</b>	100%*
<b>Certifications</b>	TVOC Emissions Rate

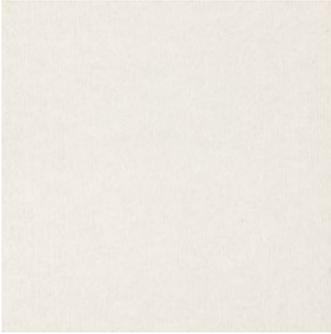
\* PET is recyclable through participating partners.



Call **800.966.8557** with questions or visit **acoufelt.com** for more product information, downloads, and colorways.

# Colorways

## ESSENTIALS



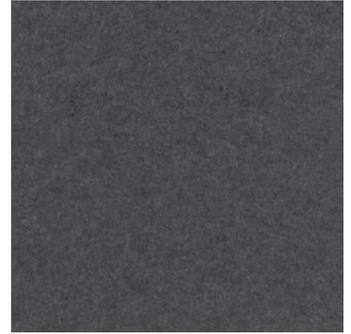
Talc  
TA08



Limestone  
LI07



Silt  
SI06



Shale  
SH03



Pumice  
PU05



Gypsum  
GY04



Jade  
JA02



Basalt  
BA01

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Order samples at [acoufelt.com/colorways](https://acoufelt.com/colorways)

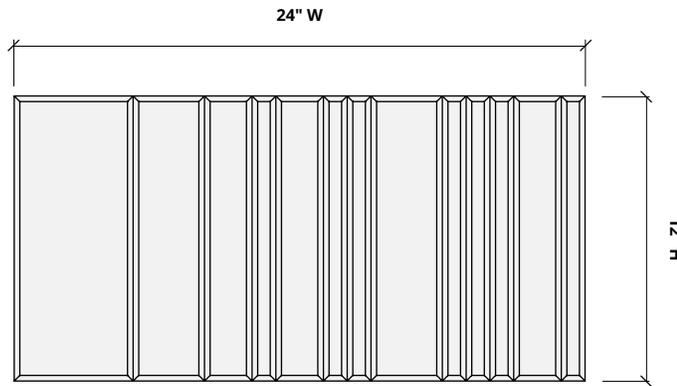


Call **800.966.8557** with questions or visit [acoufelt.com](https://acoufelt.com) for more product information, downloads, and colorways.

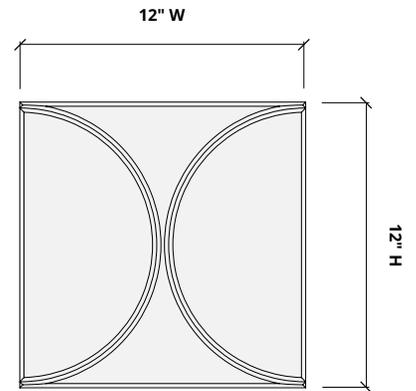
# Sizes

<b>Standard Sizes</b>	12" W x 12" H
	12" W x 24" H
	24" W x 12" H
<b>Thickness</b>	3/8", 9mm (±10%)
	3/4", 18mm (±10%)

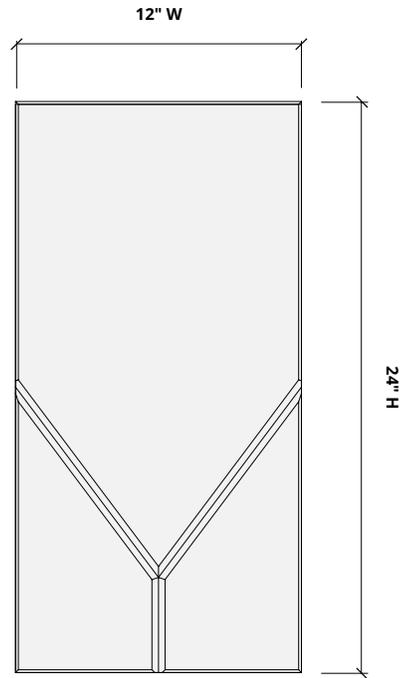
## Elevation



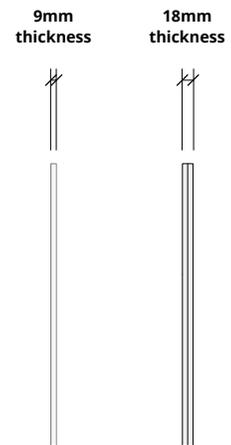
Patterns: Barcode 1, 2; Illusion



Pattern: Deco



Pattern: Leadlight



# How to Specify

**1. Choose Thickness**

2. Choose Tile Pattern

3. Choose Colorway

Determine preferred material thickness.

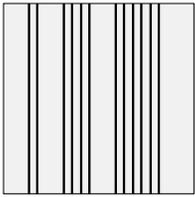
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1. Choose Thickness

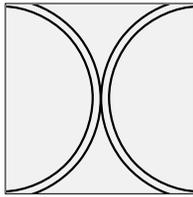
**2. Choose Tile Pattern**

3. Choose Colorway

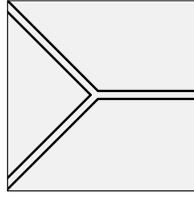
Select desired panel pattern. See recommended layouts for larger designs.



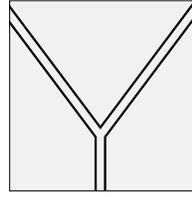
BARCODE 1,2



DECO



ILLUSION



LEADLIGHT

1. Choose Thickness

2. Choose Tile Pattern

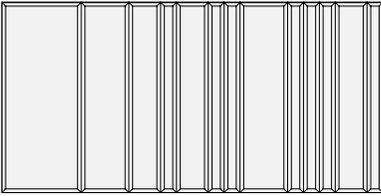
**3. Choose Colorway**

Select colorways on page 3.

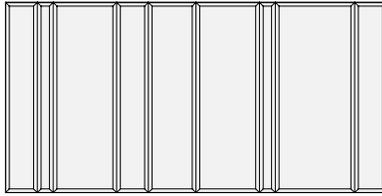


# Recommended Layouts

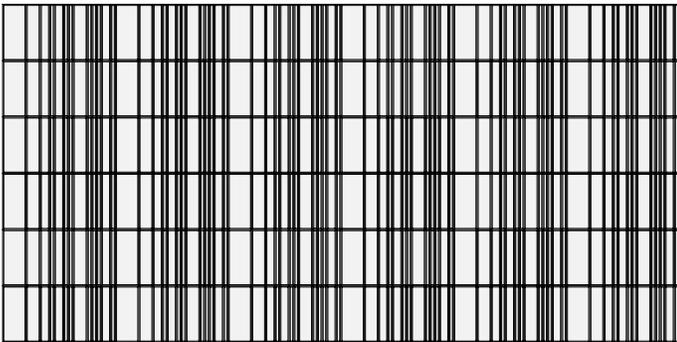
**BARCODE 1 (BA1)**



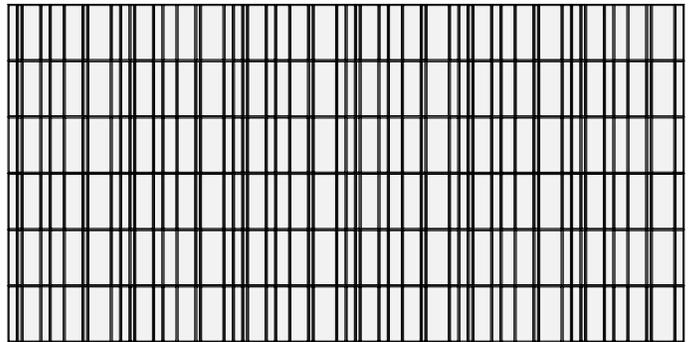
**BARCODE 2 (BA2)**



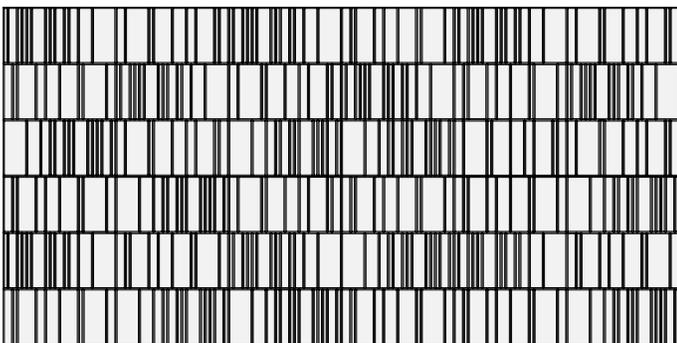
**Layout 1 (100% BA1)**



**Layout 2 (100% BA2)**

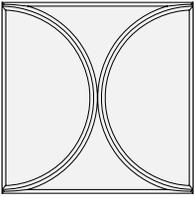


**Layout 3 (50% BA1 & BA2)**

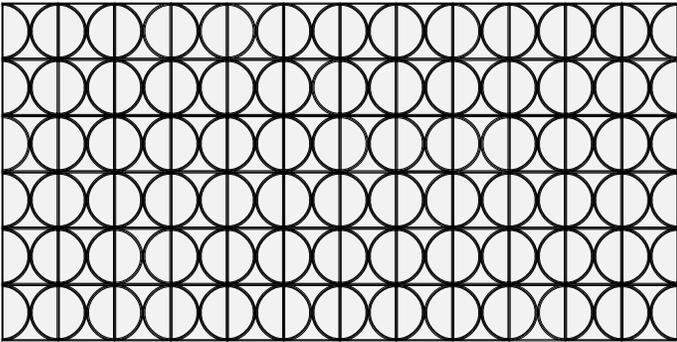


# Recommended Layouts

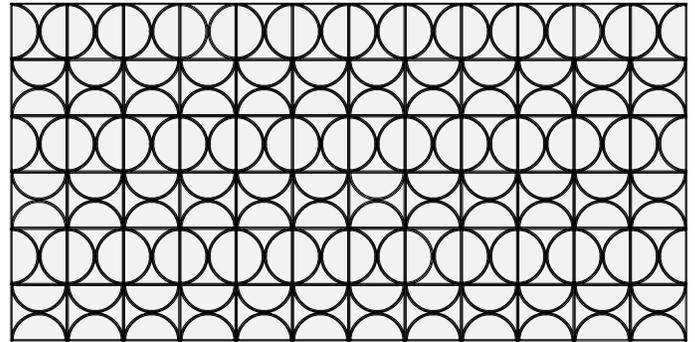
## DECO



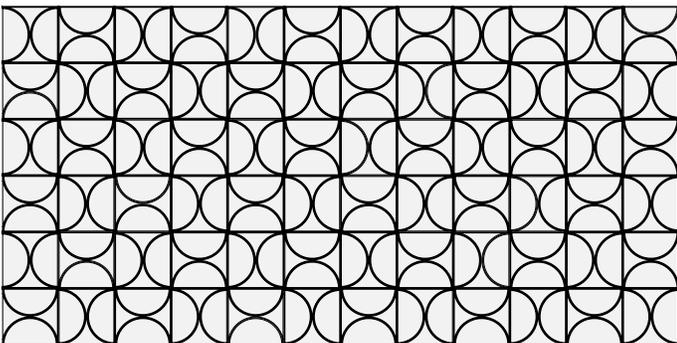
Layout 1



Layout 2

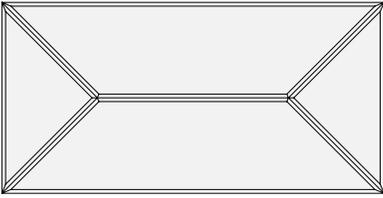


Layout 3

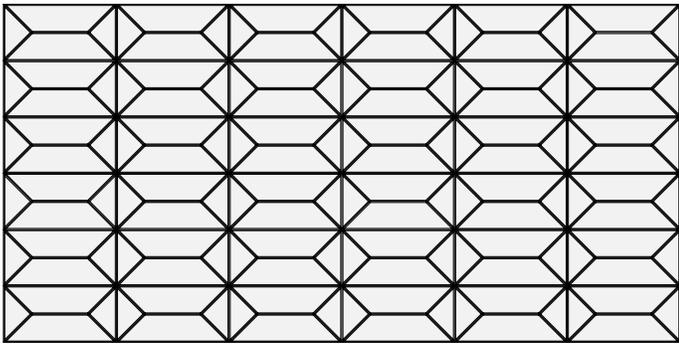


# Recommended Layouts

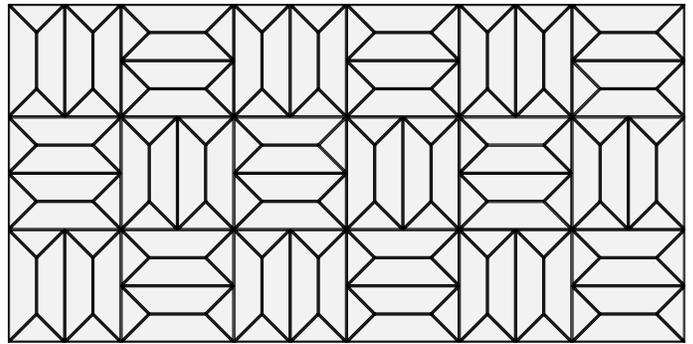
## ILLUSION



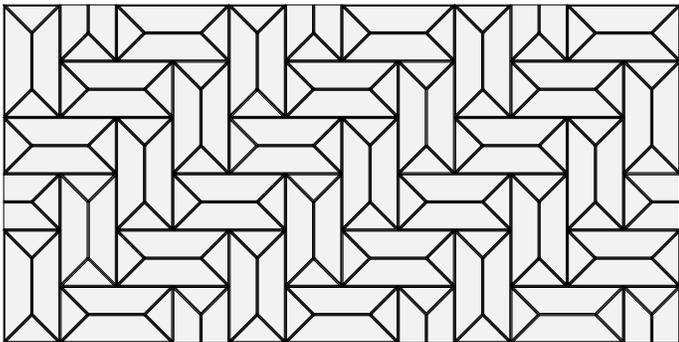
Layout 1



Layout 2

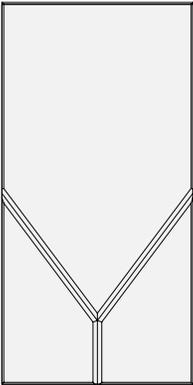


Layout 3

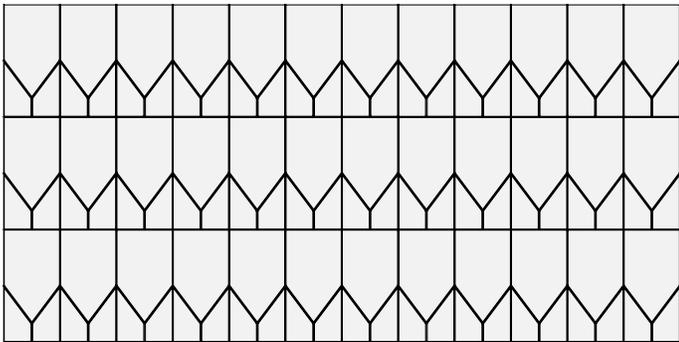


# Recommended Layouts

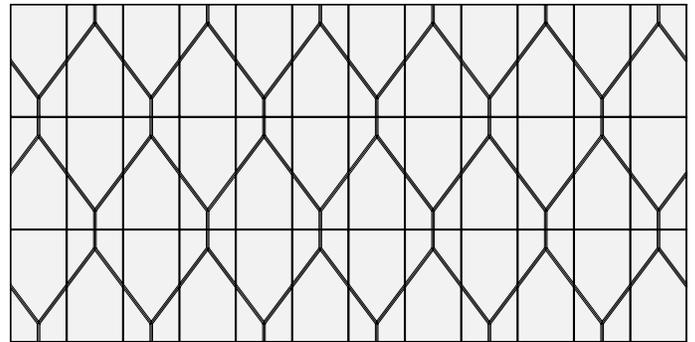
## LEADLIGHT



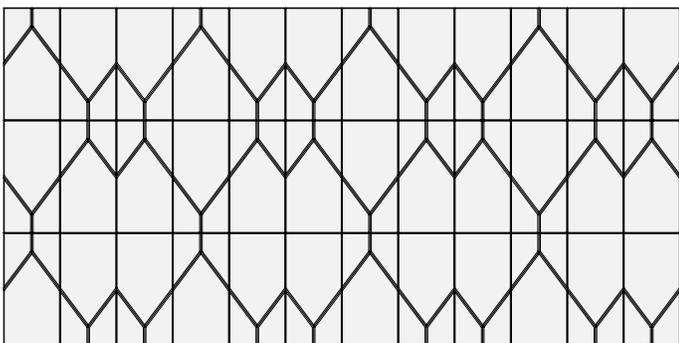
Layout 1



Layout 2

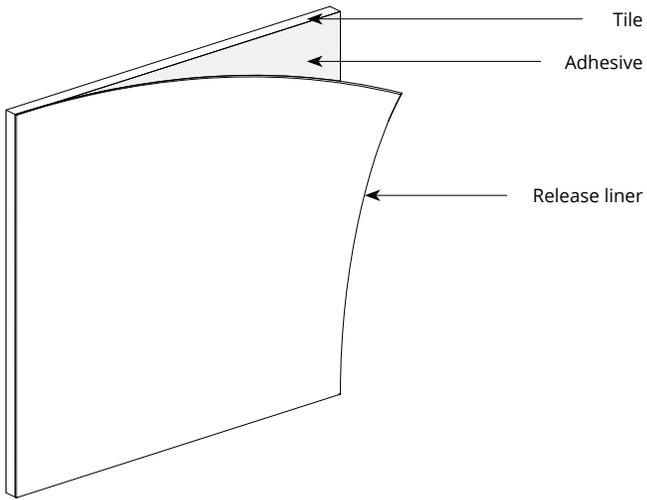


Layout 3

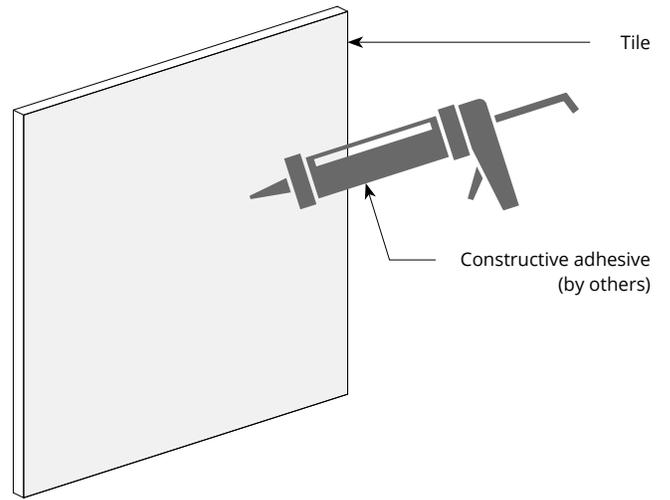


# Mounting Methods

## Adhesive backing

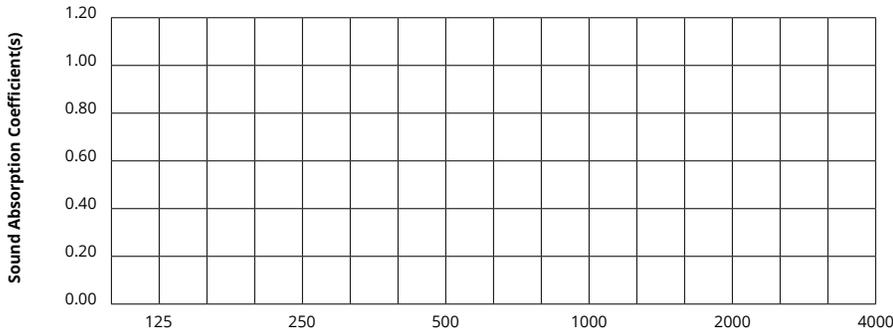


## Construction adhesive



# Acoustic Performance

<b>Test Method</b>	ISO 354-2006
<b>Install Method</b>	Type A
<b>Mounting Method</b>	No air gap
<b>Rating Method</b>	ISO 11654-1997
<b>Test Results</b>	Material: 0.35 Product: Testing is pending



	Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
	<b>9mm</b>	Product testing in progress						
	<b>18mm</b>	Product testing in progress						

## 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.*