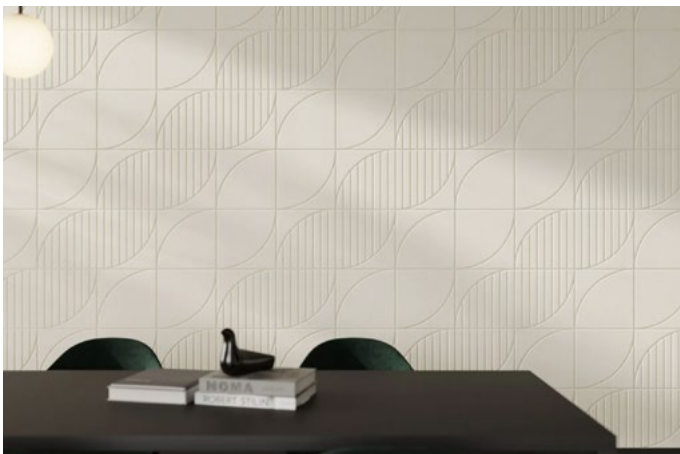# Fracture
Wall Tiles

Premier 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

Surface	Wall
Material	Filasorb™ polyester felt
Thickness	1/2", 12mm (±10%)
	1", 24mm (±10%)
Weight	12mm, 0.49 lb./ft² (±10%)
	24mm, 0.98 lb./ft² (±10%)
Standard Sizes	12" W x 12" H
	12" W x 24" H
	24" W x 12" H

Fracture with Swell Pattern in Slate

Fracture with Crescent 1-7 in White

Technical

NRC Rating	**12mm**
	0.45
	24mm
	0.60
Fire Test	ASTM E84, Class A
	Flame spread index: 15
	Smoke developed index: 200
Colorfastness	ISO 105-B02, 6-7

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	Environmental Product Declaration
	Declare Certification - LBC Red List Free
	(third-party verified)
	SCS Global Indoor Advantage Gold

* PET is recyclable through participating partners.

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

Fracture Wall Tiles 05/2024   2

Colorways

PREMIER

White WH12	Almond AL55	Pistachio PI25	Celery CE65	Metal ME03	Flamingo FL61	Quartz QU67	Turmeric TU60
Platinum PL04	Pearl PE21	Eucalyptus EU71	Sencha SE58	Periwinkle PE23	Amethyst AM69	Valentine VA70	Wheat WH68
Grey GR02	Ivory IV11	Wasabi WA29	Sea Salt SE57	Marine MA15	Lilac LI13	Peach PE19	Popcorn PO26
Slate SL27	Umber UM54	Thistle TH28	Peacock PE20	Iris IR10	Berry BE06	Peppercorn PE22	Carrot CA08
Charcoal CH01	Walnut WA56	Oregano OR18	Azure AZ05	Granite GR62	Flint FL64	Shiraz SH63	Currant CU59
Piano Black PI24	Midnight MI16	Kale KA12	Denim DE09				

Order samples at **acoufelt.com/colorways**

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

Fracture Wall Tiles 05/2024

Sizes

Standard Sizes	12" W x 12" H
	12" W x 24" H
	24" W x 12" H
Thickness	1/2", 12mm (±10%)
	1", 24mm (±10%)

Elevation
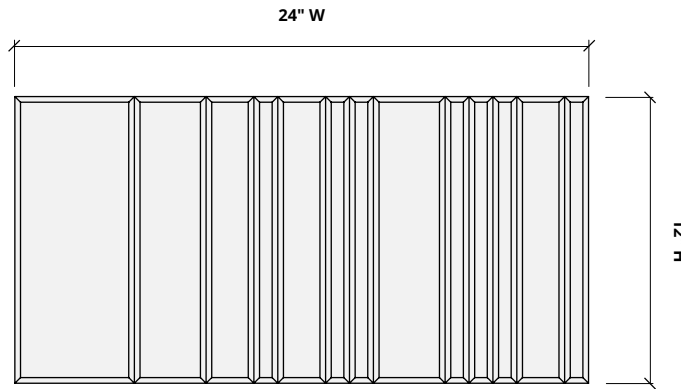
Patterns: Barcode 1, 2; Illusion
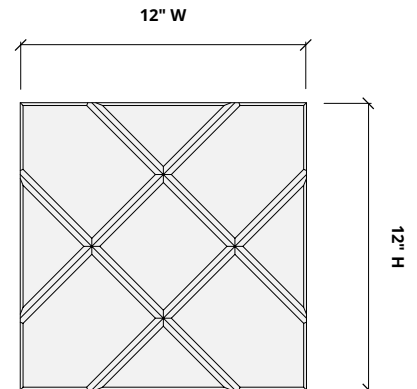
Patterns: Crescent 1-7, Crosshatch, Deco, Grid 1-5, Motif 1-5, Plaza
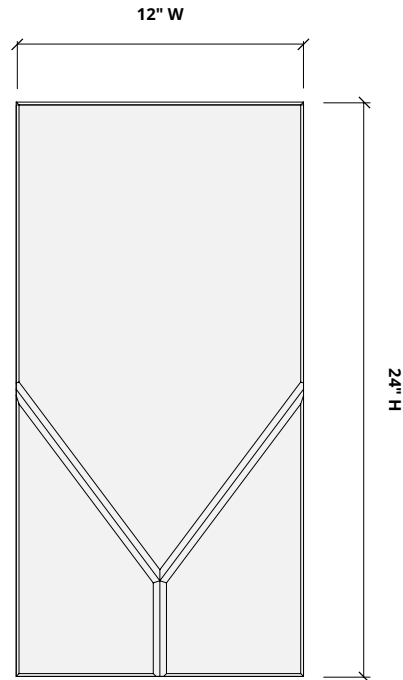
Patterns: Contrast 1,2; Leadlight

12mm thickness　　**24mm thickness**

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

Fracture Wall Tiles 05/2024

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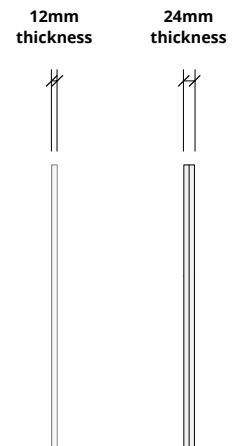
How to Specify

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.
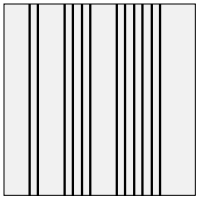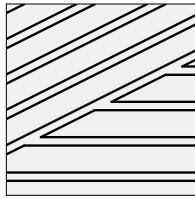
BARCODE 1,2	**CONTRAST 1,2**	**CRESCENT 1-7**	**CROSSHATCH**	**CROSSHATCH**	**GRID 1-5**
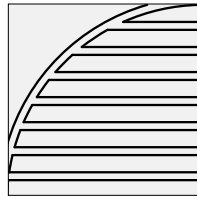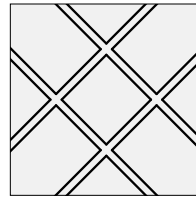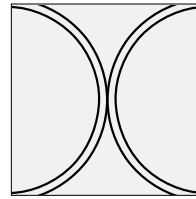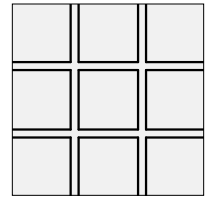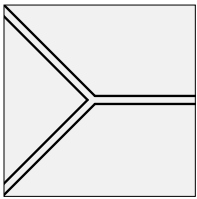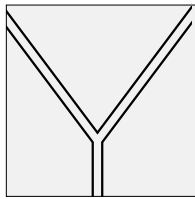
ILLUSION	**LEADLIGHT**	**MOTIF 1-5**	**PLAZA**	**SWELL**
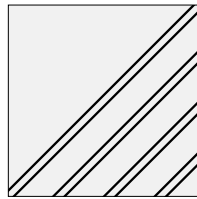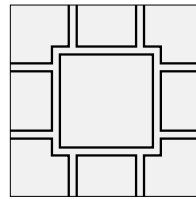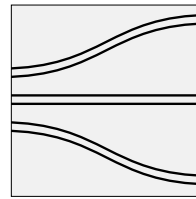
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1. Choose Thickness | 2. Choose Tile Pattern | **3. Choose Colorway**

Select colorways on page 3.

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

Fracture Wall Tiles 05/2024   5

BARCODE 1 (BA1)
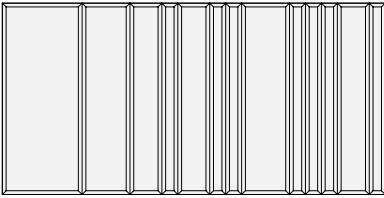
BARCODE 2 (BA2)
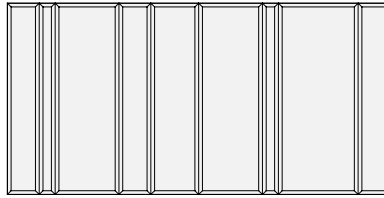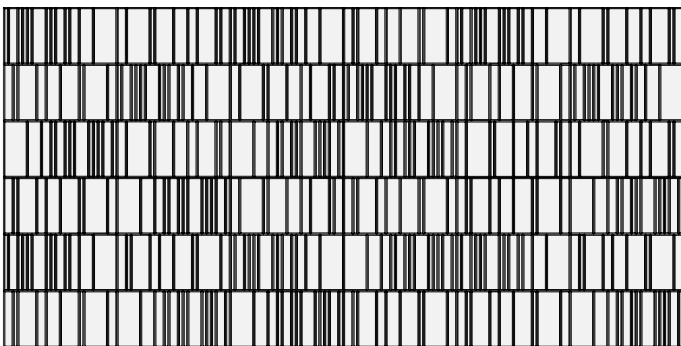

Layout 1 (100% BA1)
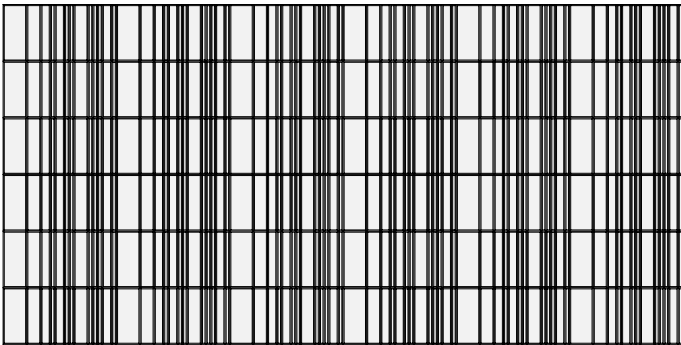
Layout 2 (100% BA2)

Layout 3 (50% BA1 & BA2)

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

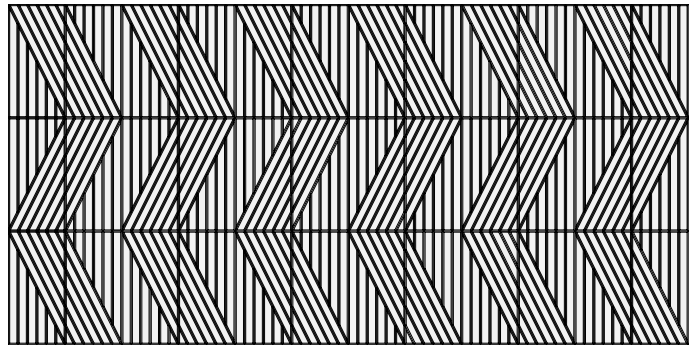**Fracture Wall Tiles** 05/2024

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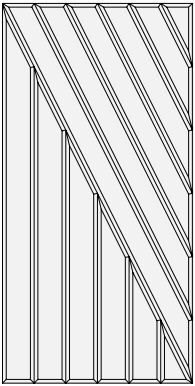
CONTRAST 1 (CO1)   **CONTRAST 2 (CO2)**
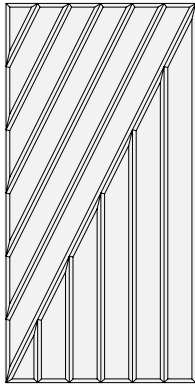
Layout 1 (100% CO1)
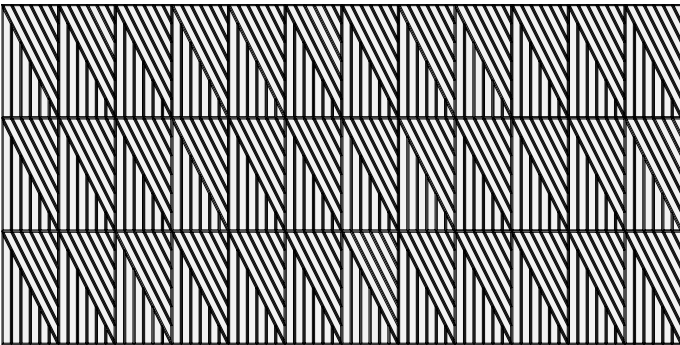
Layout 2 (100% CO2)

Layout 3 (50% CO1 & CO2)

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

Fracture Wall Tiles 05/2024   7
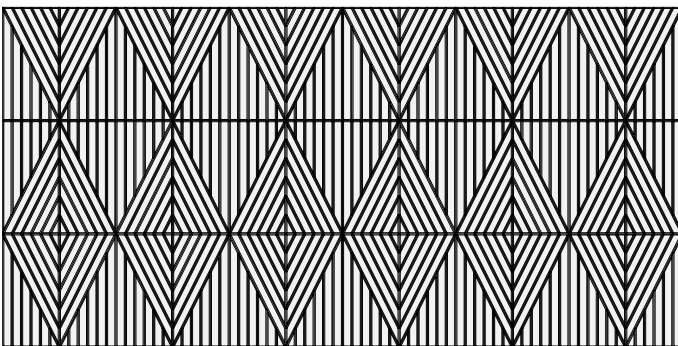
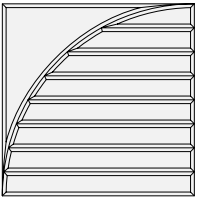# Recommended Layouts

CRESCENT 1 (CR1)
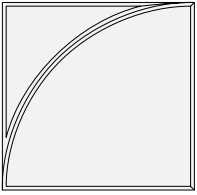
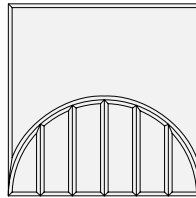**CRESCENT 2 (CR2)**
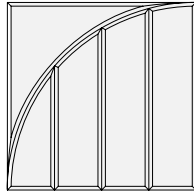
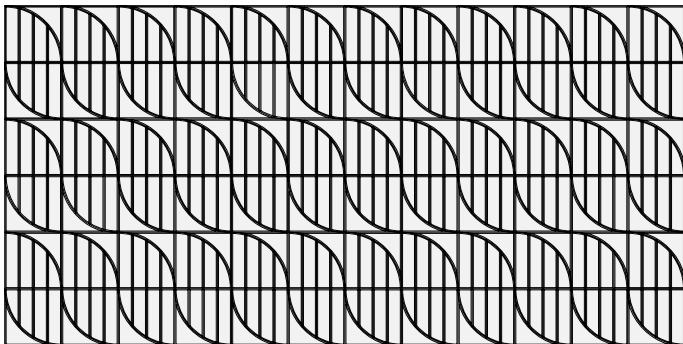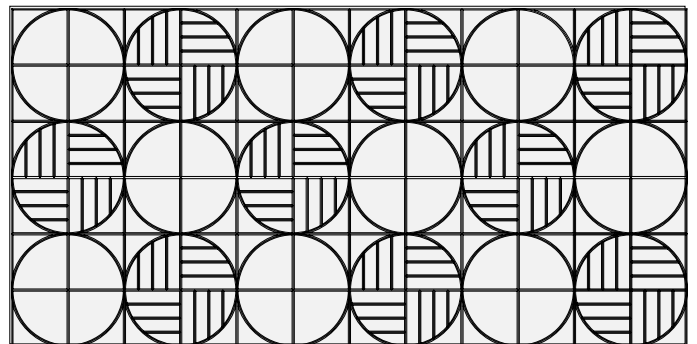**CRESCENT 3 (CR3)**
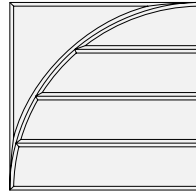
CRESCENT 4 (CR4)
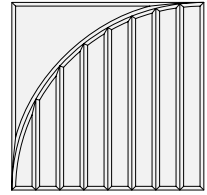
CRESCENT 5 (CR5)

CRESCENT 6 (CR6)
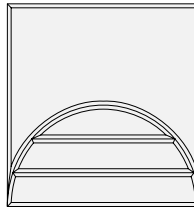
CRESCENT 7 (CR7)

Layout 1 (100% CR3)

Layout 2 (50% CR1 & CR2)

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Fracture Wall Tiles 05/2024

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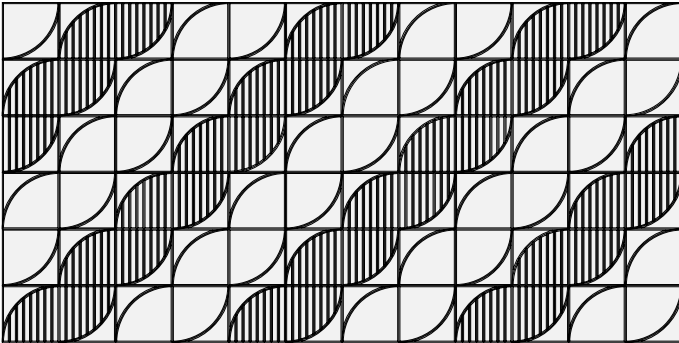
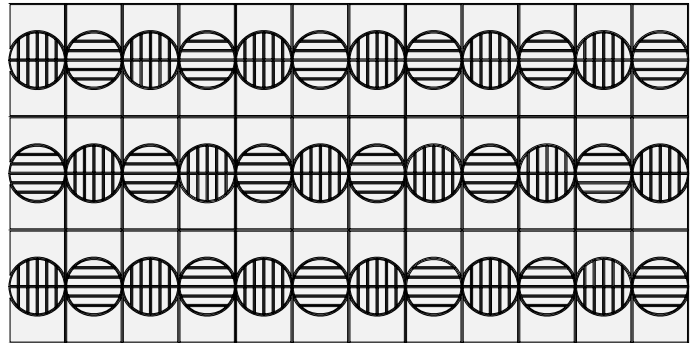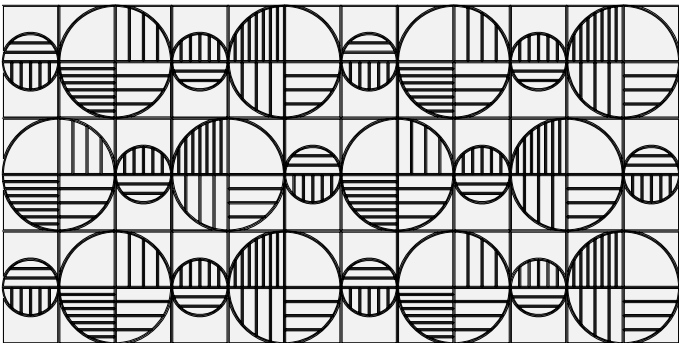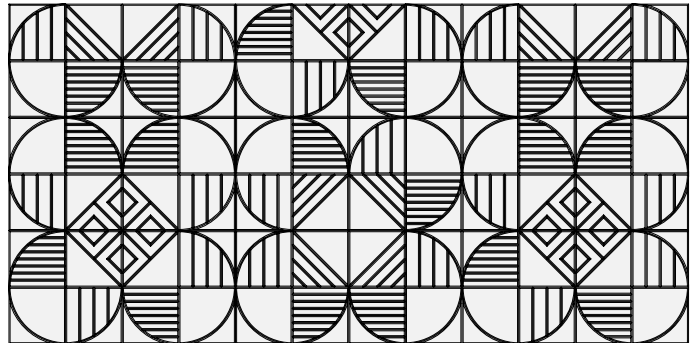**Layout 3 (50% CR1 & CR4)**

Layout 4 (50% CR6 & CR7)

Layout 5 (16.5% CR1, CR4, CR6, CR7 & 34% CR3)
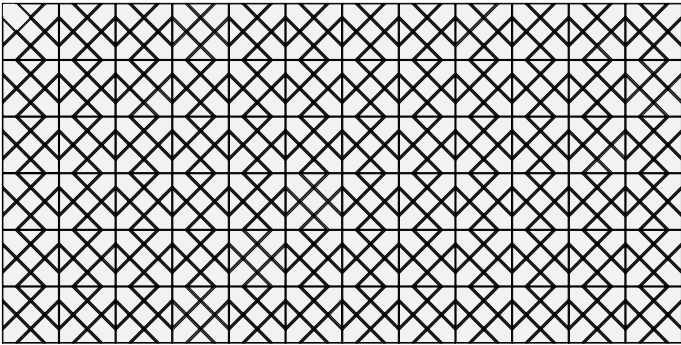

Layout 6 (24% CR1 & 12% CR2, CR3, CR4, CR5, & 14% MO1, MO2)*
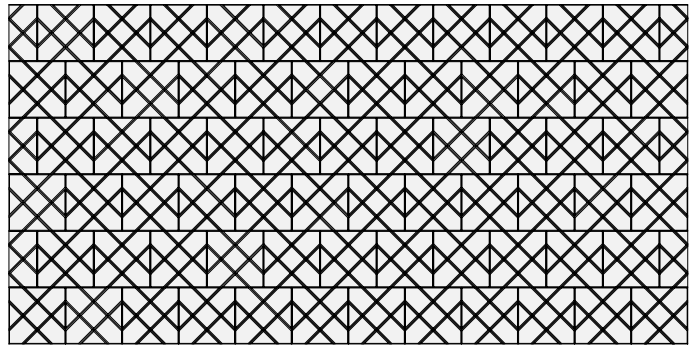

* Layout contains Motif family pattern.

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

Fracture Wall Tiles 05/2024

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CROSSHATCH

Layout 1

Layout

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Fracture Wall Tiles 05/2024

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DECO

Layout 1

Layout 2

Layout 3

Call **800.966.8557** with questions or visit **acoufelt.com** for more product information, downloads, and colorways.
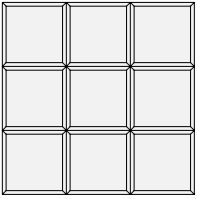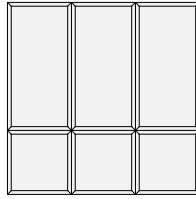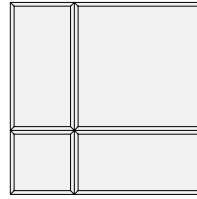
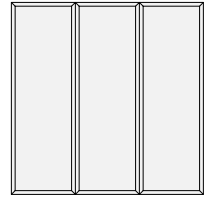**Fracture Wall Tiles** 05/2024

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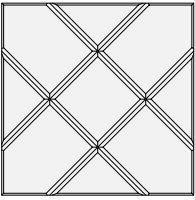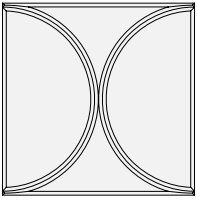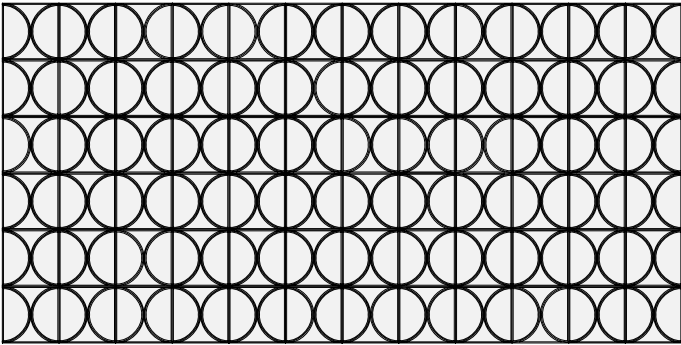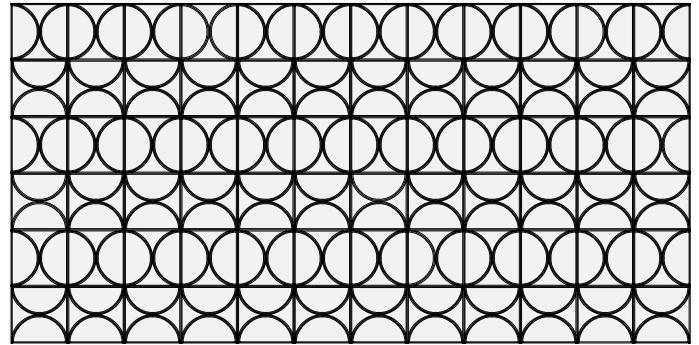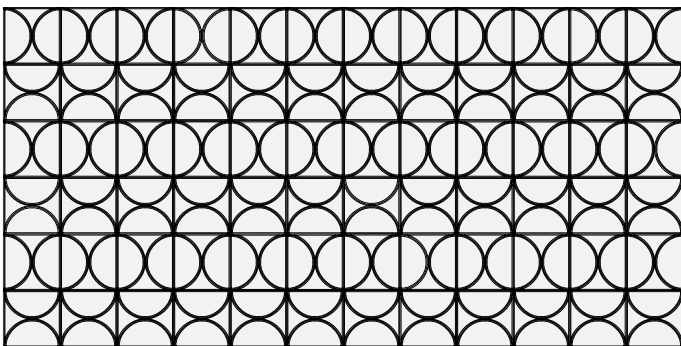
Recommended Layouts
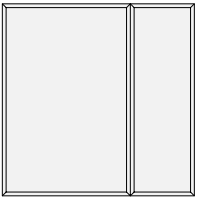
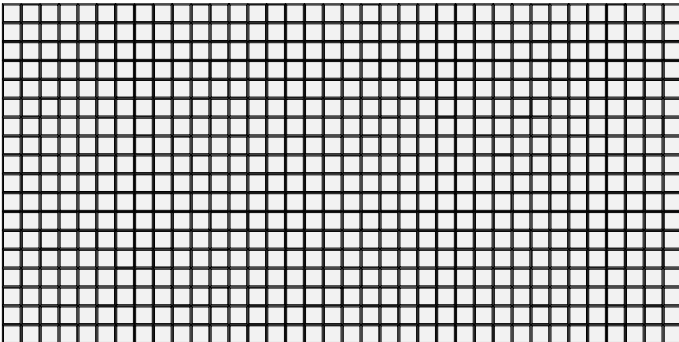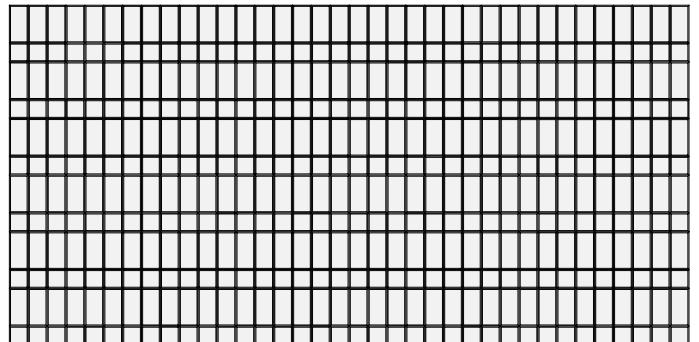**GRID 1 (GR1)**

GRID 2 (GR2)

GRID 3 (GR3)
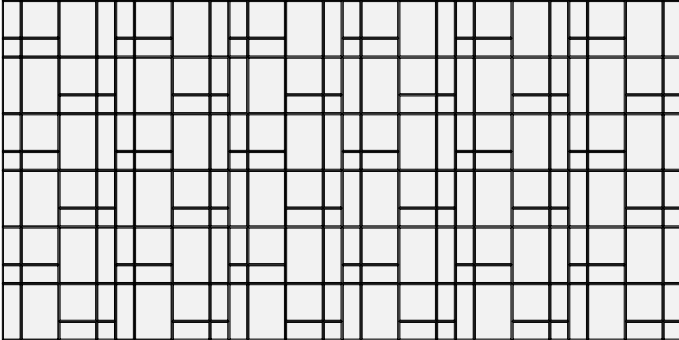

GRID 4 (GR4

GRID 5 (GR5)

Layout 1 (100% GR1)

Layout 2 (100% GR2)

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

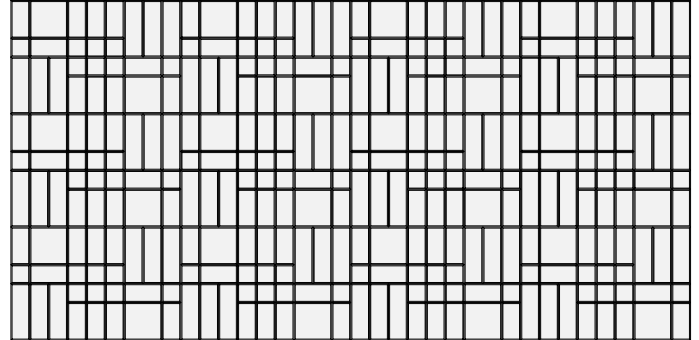**Fracture Wall Tiles** 05/2024

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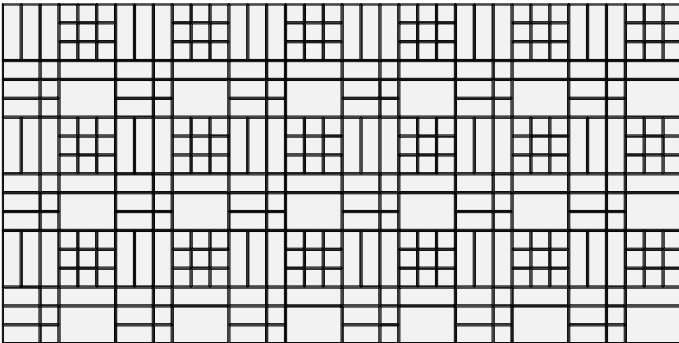
Recommended Layouts

Layout 3 (50% GR3 & GR5)

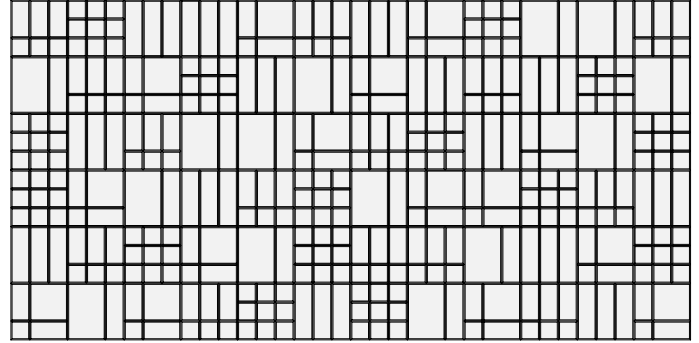**Layout 4 (33.3% GR2, GR3 & GR4)**

Layout 5 (25% GR1, GR2, GR4 & GR5)

Layout 6 (20% GR1, GR2, GR3, GR4 & GR5)

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

Fracture Wall Tiles 05/2024

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ILLUSION

Layout 1

Layout 2

Layout 3

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

Fracture Wall Tiles 05/2024

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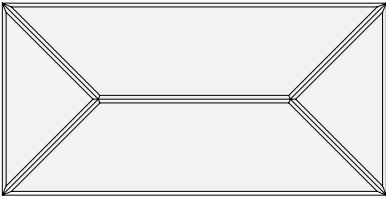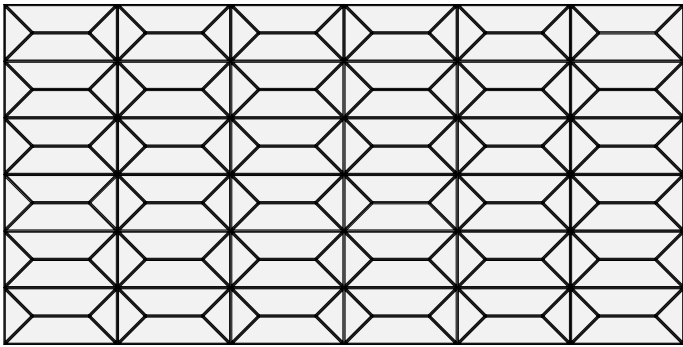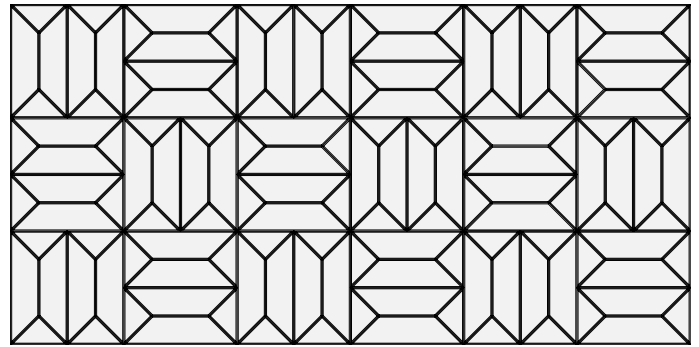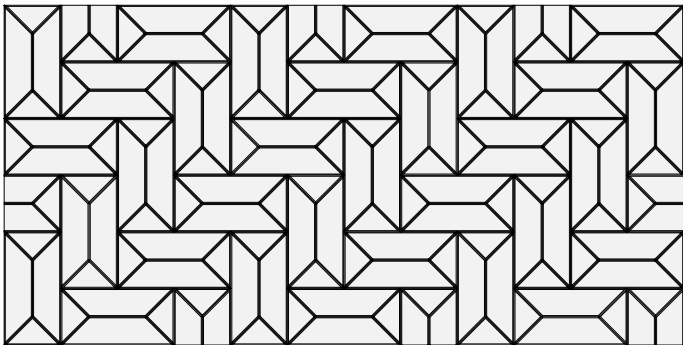
Recommended Layouts

LEADLIGHT

Layout 1

Layout 2

Layout 3

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

Fracture Wall Tiles 05/2024

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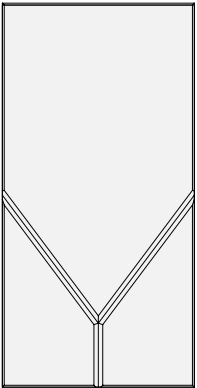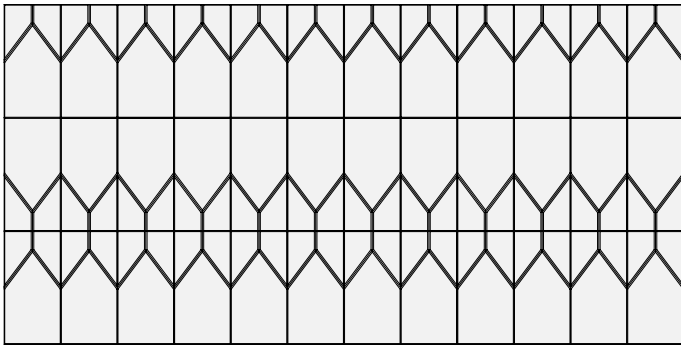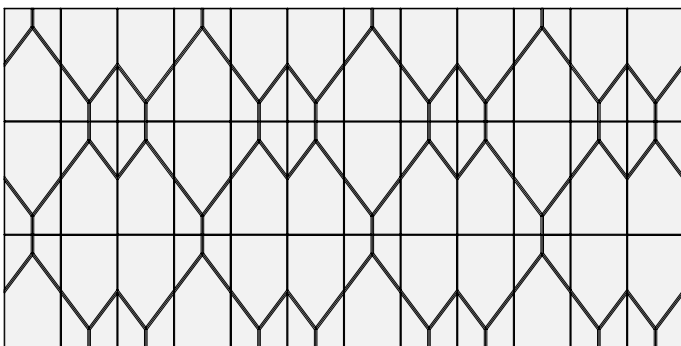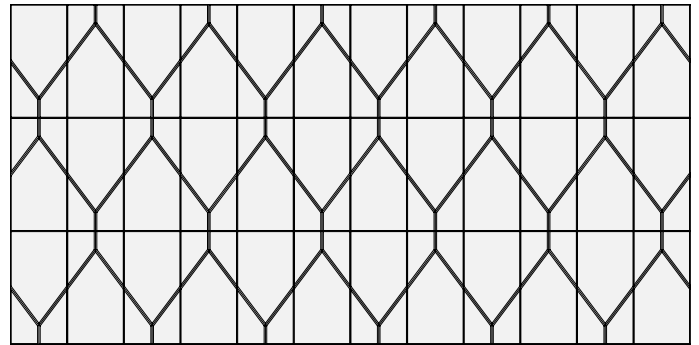
Recommended Layouts

MOTIF 1 (MO1)

MOTIF 2 (MO2)
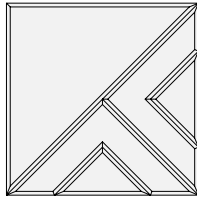
MOTIF 3 (MO3)
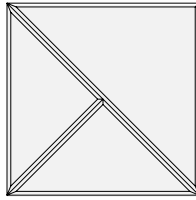
MOTIF 4 (MO4)
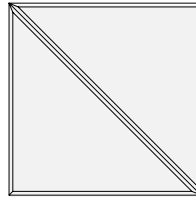
MOTIF 5 (MO5)
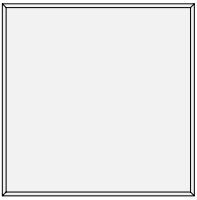
Layout 1 (100% MO1)

Layout 2 (50% MO3 & MO4)

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

Fracture Wall Tiles 05/2024

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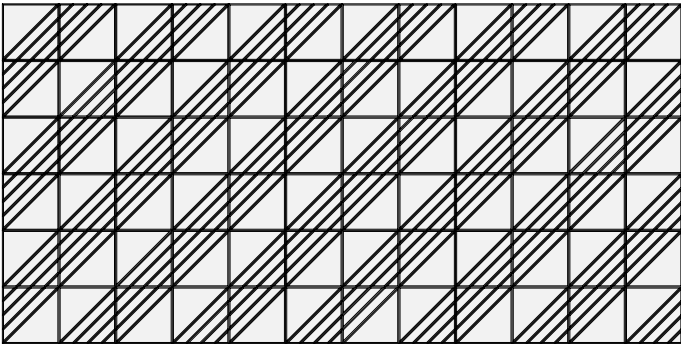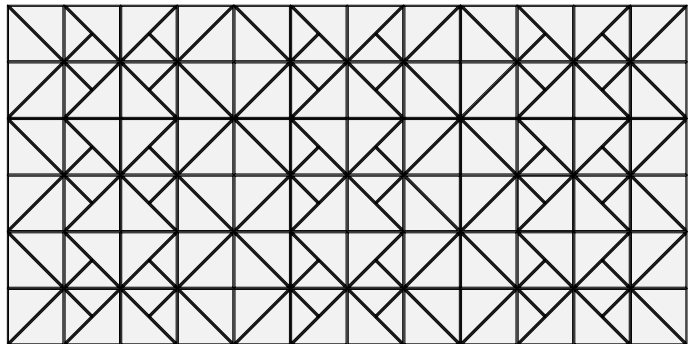
Recommended Layouts

Layout 3 (33.3% MO1, MO3, & MO4)

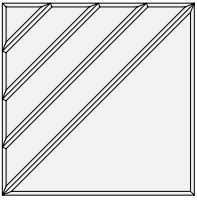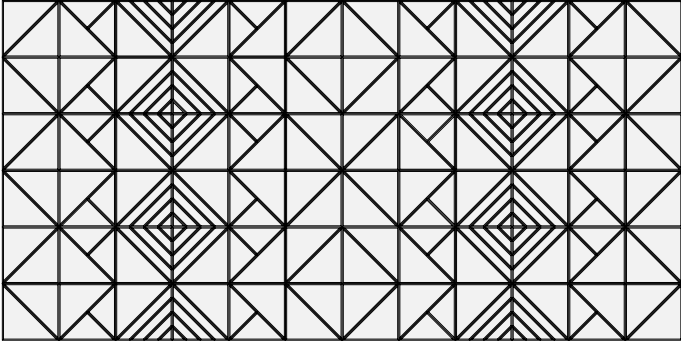**Layout 4 (25% MO1, MO2, MO3 & MO4)**
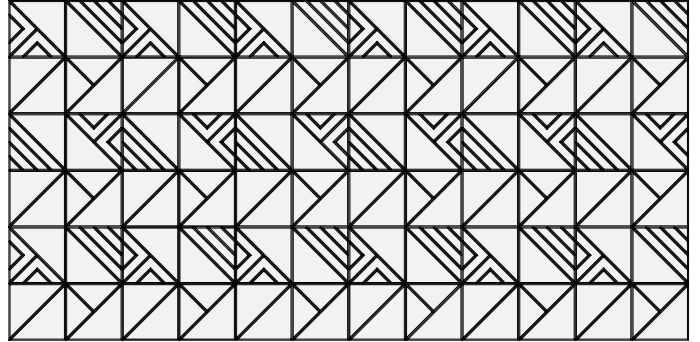
Layout 5 (24% MO1, MO2 & 18% MO3, MO4 & 16% MO5
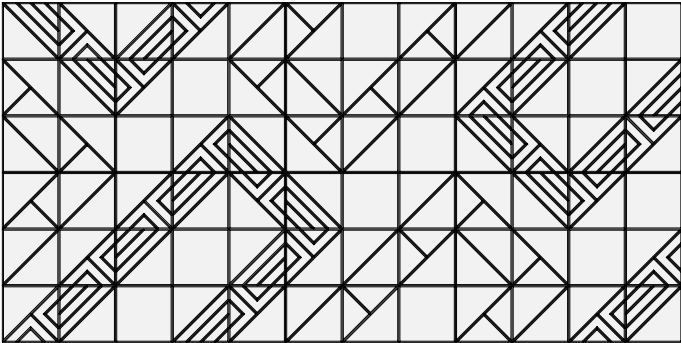
Layout 6 (4% MO1, MO2 & 24% CR1 & 12% CR2, CR3, CR4, CR5)*
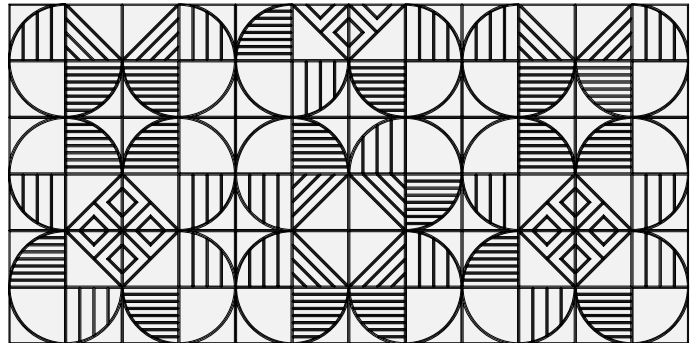
* Layout contains Crescent family pattern.

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

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PLAZA

Layout 1

Layout 2

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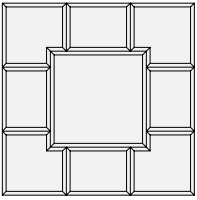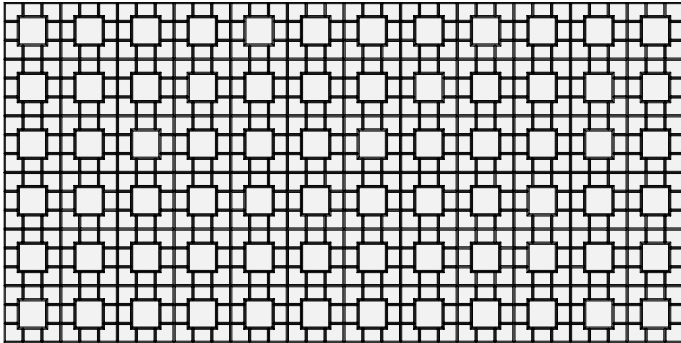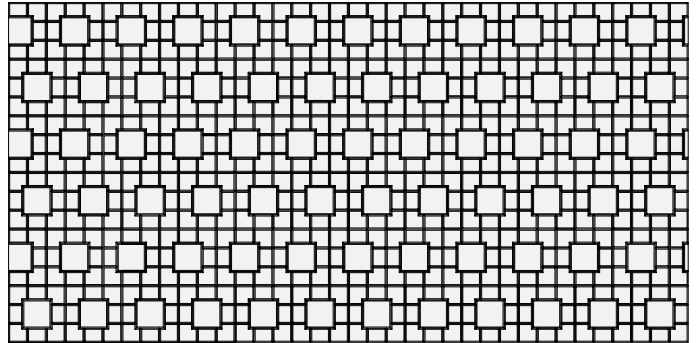
Mounting Methods

Adhesive backing

Tile

Adhesive

Release liner

Construction adhesive

Tile

Constructive adhesive
(by others)

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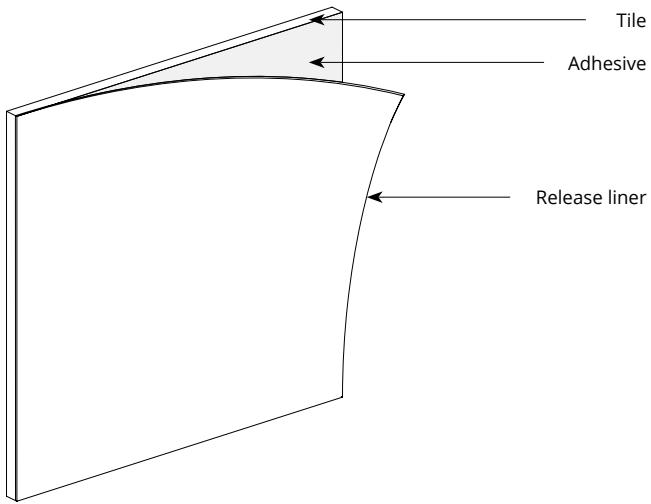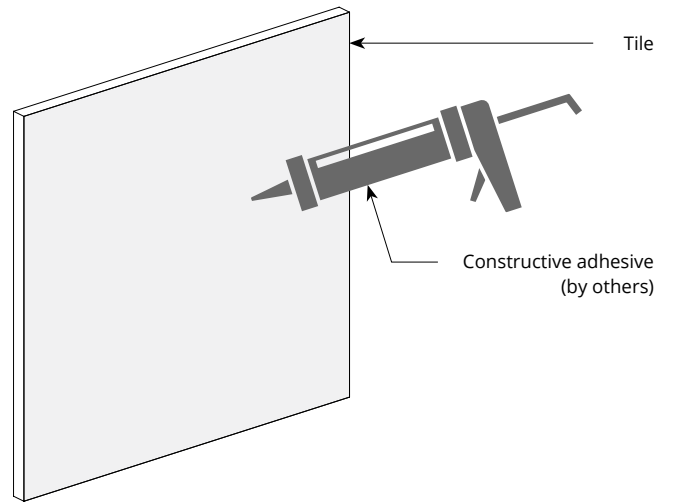
Acoustic Performance

Test Method	ISO 354-2006
Install Method	Type A
Mounting Method	No air gap
Rating Method	ISO 11654-1997
Test Results	**12mm** NRC 0.45 SAA 0.43 **24mm** NRC 0.60 SAA 0.55
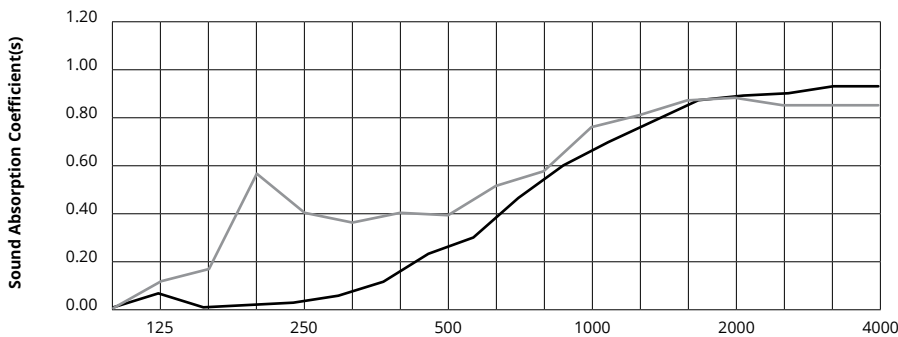
Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
12mm	0.06	0.02	0.23	0.61	0.89	0.95	0.45
24mm	0.02	0.57	0.41	0.58	0.87	0.85	0.60

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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