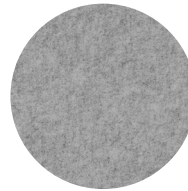


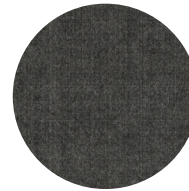
FeltForms Overview

Acoustic Wall & Ceiling Tiles

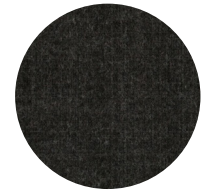
FeltForms is a line of acoustic wall and ceiling tiles. Conceived as a tool kit for sound control, FeltForms dampen noise, increase sound clarity and speech intelligibility. Their unique modern patterns, beautiful texture and easy installation improve the look, feel and sound quality of work and living environments.



Mottled White



Grey



Charcoal

Materials 60% recycled PET (rPET recycled plastic bottles) 40% PET

Manufacturing Process Tiles are made by layering and thermoforming non-woven materials

Format A pack of FeltForms includes 4 tiles. One pack covers 16 sq ft (1.48 m)

FeltForms Environmental

Origin FeltForms are made in the USA from locally sourced materials. The manufacturers were selected for their location, environmental practices and labor conditions.



Recycled Content

This product contains recycled fibers collected from post-consumer sources. This material requires less energy to produce and transport than virgin raw materials, lowering FeltForms environmental footprint without sacrificing beauty or function.



Recyclable

This product is made out of PET (Polyethylene terephthalate polyester) which can be recycled to make new PET products of similar quality. Existing recycling infrastructure for collecting and re-using PET are fairly common making this product easily recyclable.



Closed Loop Manufacturing

In the context of sustainability, Closed Loop Manufacturing refers to production processes wherein no waste is emitted and all resources can eventually be put back into the process. Although there are very few examples of manufacturing where absolutely no waste is emitted, the manufacturer selected works on this principle by cycling waste and products that are not to spec. This eliminates nearly all of the solid waste from the production process.

LEED Credits

MR Credit 4.1: Recycled Content: 10% (post-consumer + 1/2 pre-consumer) (1 Point)

MR Credit 4.2: Recycled Content: 20% (post-consumer + 1/2 pre-consumer) (1 Point in addition to MR Credit 4.1)

MR Credit 5.1: Regional Materials: 10% Extracted, Processed & Manufactured Regionally (1 Point)

Site specific: Contact us for additional information

MR Credit 5.2: Regional Materials: 20% Extracted, Processed & Manufactured Regionally (1 Point in addition to MR Credit 5.1)

Site specific: Contact us for additional information

Certified



MIO is a B Corporation certified company. B Corps are for-profit companies certified by the nonprofit B Lab to meet rigorous standards of social and environmental performance, accountability, and transparency. For more information visit: www.bcorporation.net



FeltForms Installation

Construction Adhesive Installation

Apply Fuze*It or similar construction adhesive to the back of the tile, ensuring the perimeter is covered with adhesive. Measure and mark your alignment with masking tape or lightly with a pencil. Install from a corner or edge and work your way out. Apply the tile and press firmly until tile is secure and aligned. To prevent adhesive from spilling outside the edge of the tile apply evenly and spread excess inward.

Double-sided Tape Installation

To prevent damage to walls install FeltForms on a separate sheet material and mount it to the wall. (Note: Install the four corner tiles last to hide the hardware.) To install tiles unto a sheet material apply the included adhesive strips to the perimeter of the back of the tiles. Press the tape unto the tiles firmly. Measure and mark your alignment with masking tape or pencil. Install from a corner or edge and work your way out. Remove the tape backer and line up the corners of the tiles. Once the tiles are in the desired position press the taped perimeter firmly against the surface.

Ceiling Installation

Quad, Twist and Edge FeltForms Ceiling Tiles fit in standard 1" (15/16) 2' x 2' drop ceiling grids. Use Edge Ceiling Tiles for edging around installation perimeter and mechanicals.

Cutting Tiles may be cut with a utility knife or power tools. For best results, end patterns at the ceiling level where cutting imperfections are less noticeable or center the patterns to avoid cutting. For a seamless look use Edge tiles on the perimeters of Twist or Quad tile installations.

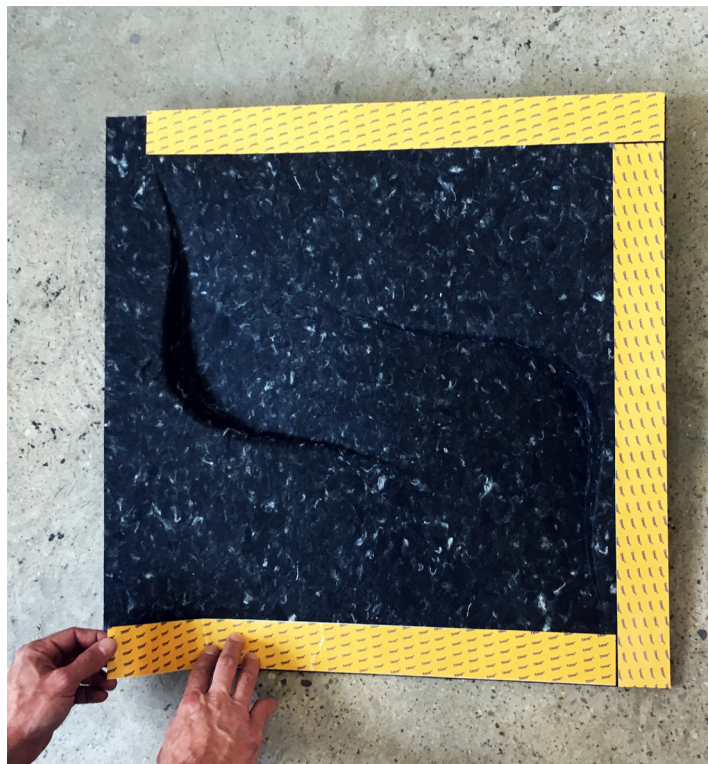


FeltForms Maintenance

Cleaning Tiles should be vacuumed regularly. Minor stains and dirt can be cleaned with a damp cloth. Deeper stains can be removed with mild soap and water. FeltForms can be bleached cleaned using a 10% bleach and water solution.

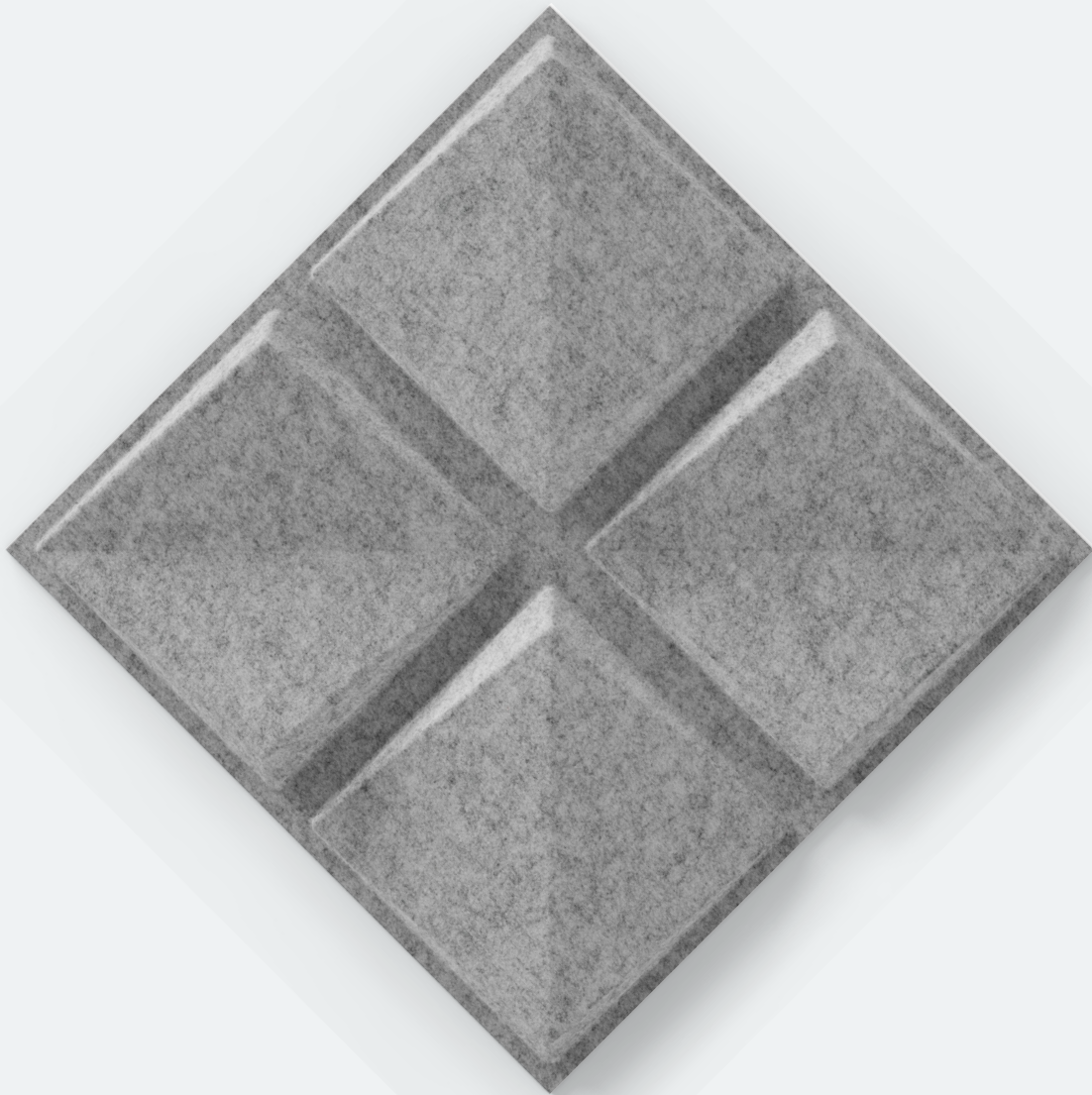
Durability FeltForms are strong and resilient, but Twist and Quad tiles can be crushed with enough force applied to their empty cavities. If tiles are damaged, the modular application permits replacement of individual tiles.

Water-Resistance FeltForms are not designed for spaces with extreme humidity or constant contact with liquids, however water and other cleaning agents may be used on the tiles. FeltForms can be installed in bathrooms as long as tiles are not in direct contact with water or excessive moisture.



FeltForms Quad Tile

Quad wall and ceiling tiles provide a combination of absorption and diffusion, resulting in reduced reverberation. In addition Quad scatters directional sound, controlling flutter and slap-back echoes while retaining a certain amount of “live” room characteristics. These tiles can be used to great effect to create “warm” sounding environments.



FeltForms Quad Tile

Benefits

- Moderate control of unwanted reverberation in closed rooms
- Scattering of reflections from hard surfaces (proper acoustical placement required)
- Improvements in clarity and intelligibility without “deadening” the room

Applications

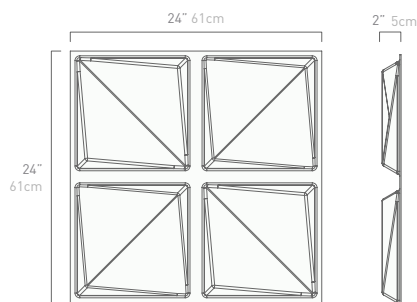
- Multimedia and AV environments
- Commercial general usage, office and circulation areas
- Distributed background program areas

Performance Testing

Flammability: ASTM E84 Class A

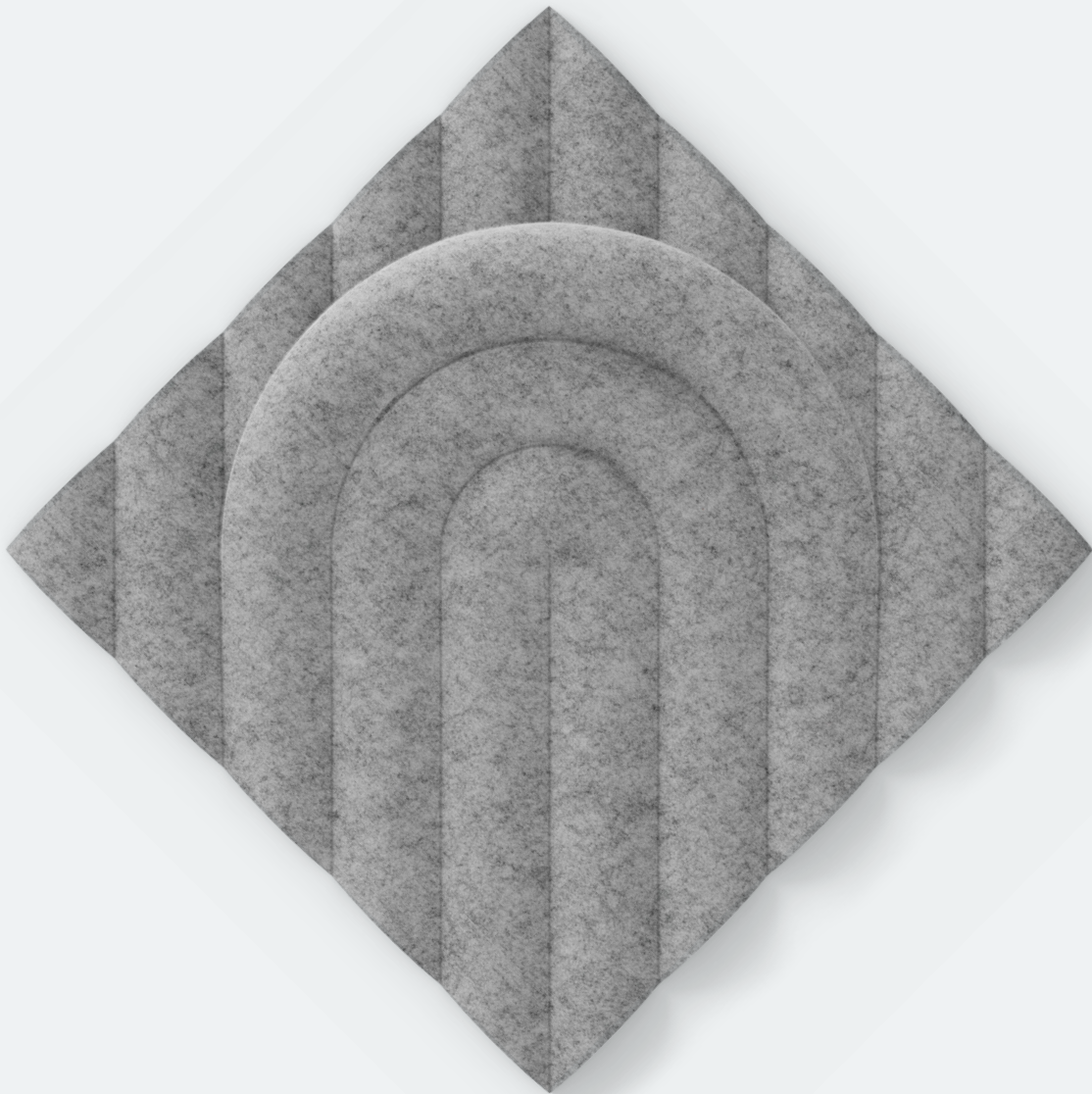
Acoustical: ASTM C423-09a/E795-05 (Type “A” Mounting)

Frequency	Quad Tiles
125	0.09
250	0.16
500	0.34
1000	0.56
2000	0.78
4000	0.84
N.R.C.	0.45



FeltForms Deco Tile

Deco wall tiles provide superior sound absorption in the mid and high frequencies. This makes them effective acoustic treatments in rooms where conversation is the primary audio program. Moderate levels of absorption at the low frequency range also keep the needed “warmth” in a room that benefits lower dynamic musical programs.





FeltForms Deco Tile

Benefits

- Moderate attenuation of chatter and din in gathering areas
- Improvements in clarity and intelligibility without “deadening” the room

Applications

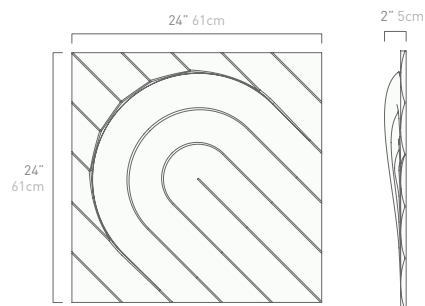
- Multimedia and AV environments
- Commercial general usage, office and circulation areas
- Distributed background program areas

Performance Testing

Flammability: ASTM E84 Class A

Acoustical: ASTM C423-09a/E795-05 (Type “A” Mounting)

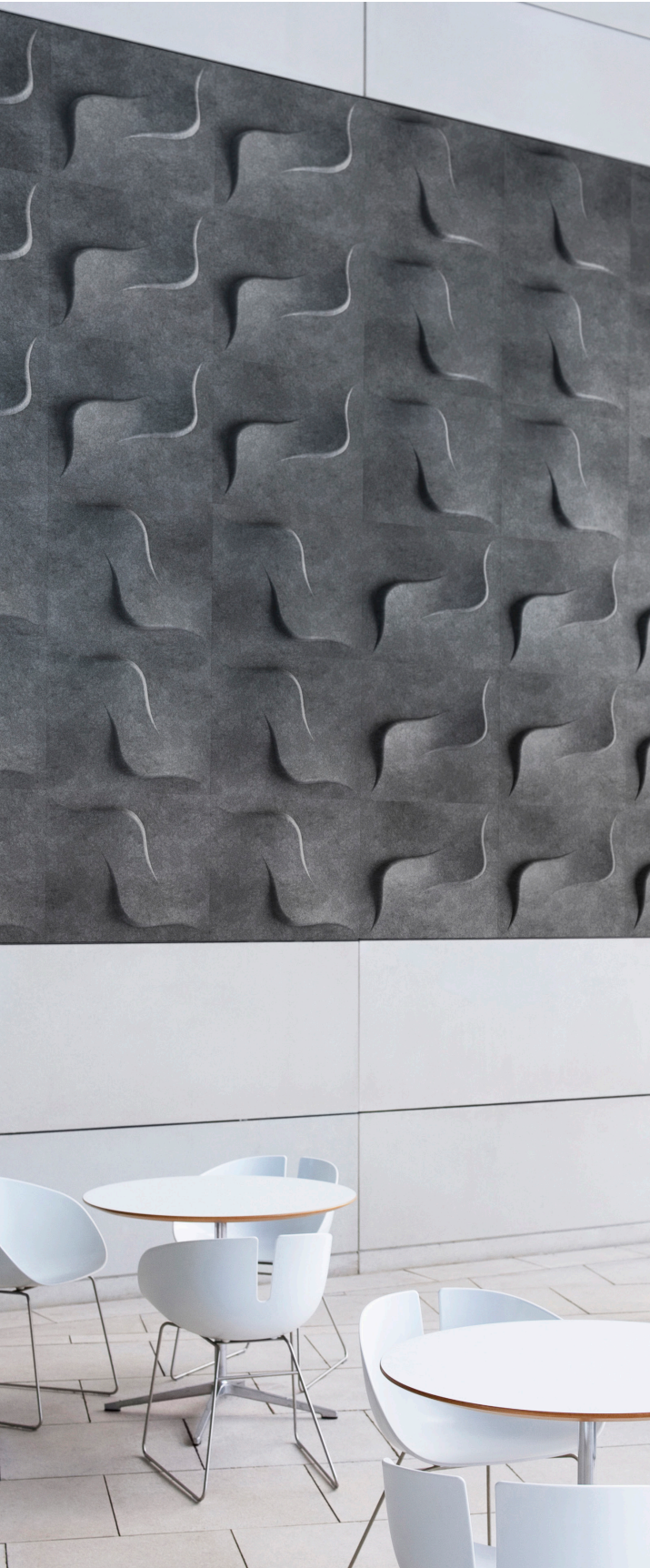
Frequency	Deco Tiles
125	0.02
250	0.07
500	0.25
1000	0.53
2000	0.80
4000	0.88
N.R.C.	0.40



FeltForms Twist Tile

Twist wall and ceiling tiles provide moderate sound absorption towards the mid and high frequency range. The application of Twist over larger areas can provide aesthetic benefits without overdoing the level of sound treatment. Twist Tiles also make great building blocks for ceiling clouds and fronts for bass-trapping.





FeltForms Twist Tile

Benefits

- Moderate control of unwanted reverberation in closed rooms
- Will not “over-treat” a room if a relatively large amount of tiles are installed, even as ceiling tiles
- Fronts for bass traps, additionally absorbing mid-high frequency sound energy

Applications

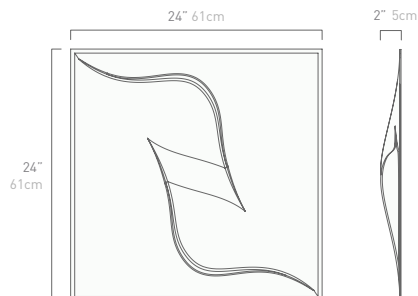
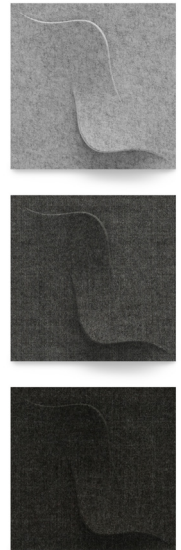
- Commercial general usage, office and circulation areas
- Home multimedia and AV environments

Performance Testing

Flammability: ASTM E84 Class A

Acoustical: ASTM C423-09a/E795-05 (Type “A” Mounting)

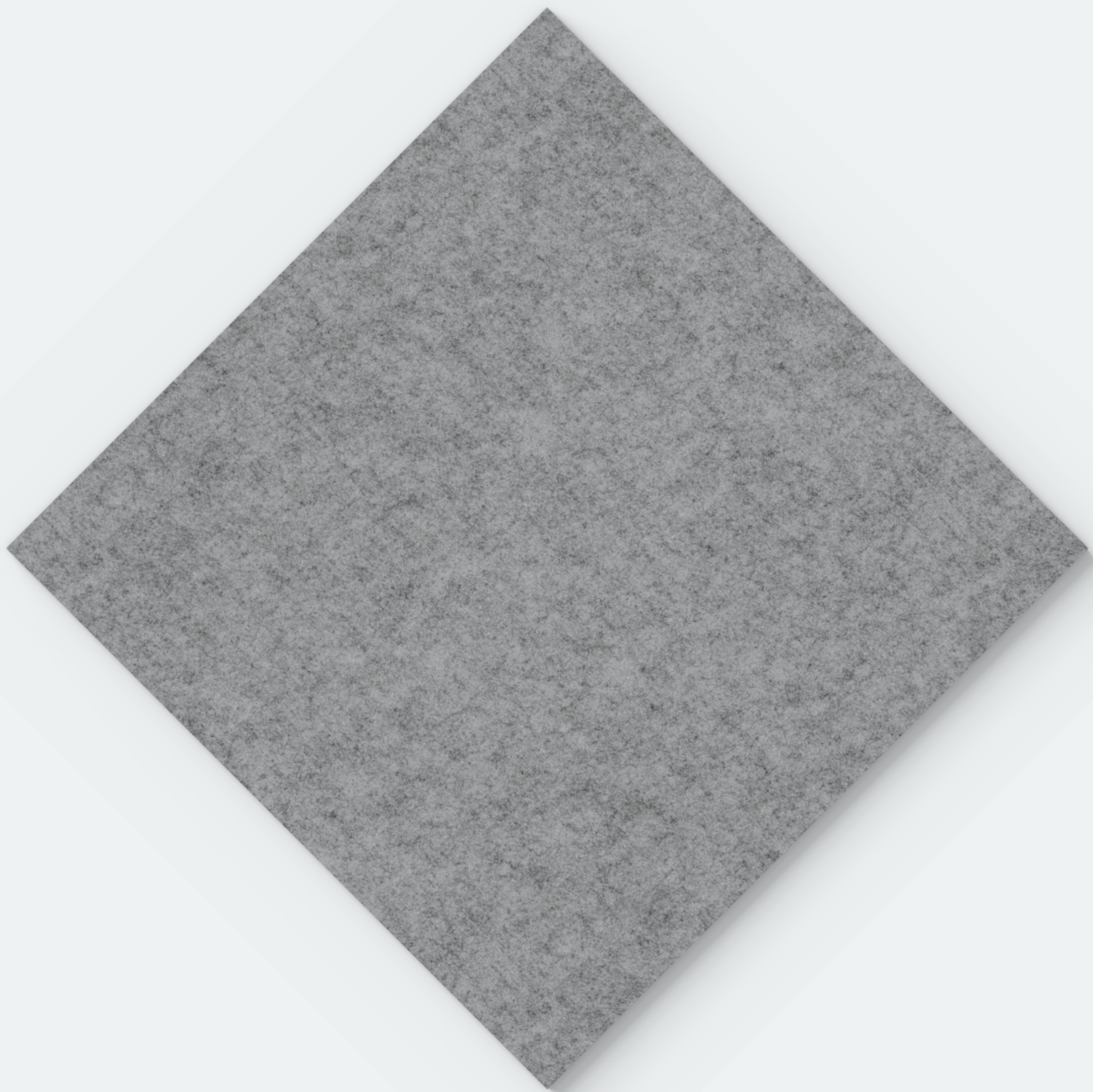
Frequency	Quad Tiles
125	0.04
250	0.07
500	0.16
1000	0.36
2000	0.65
4000	0.76
N.R.C.	0.30

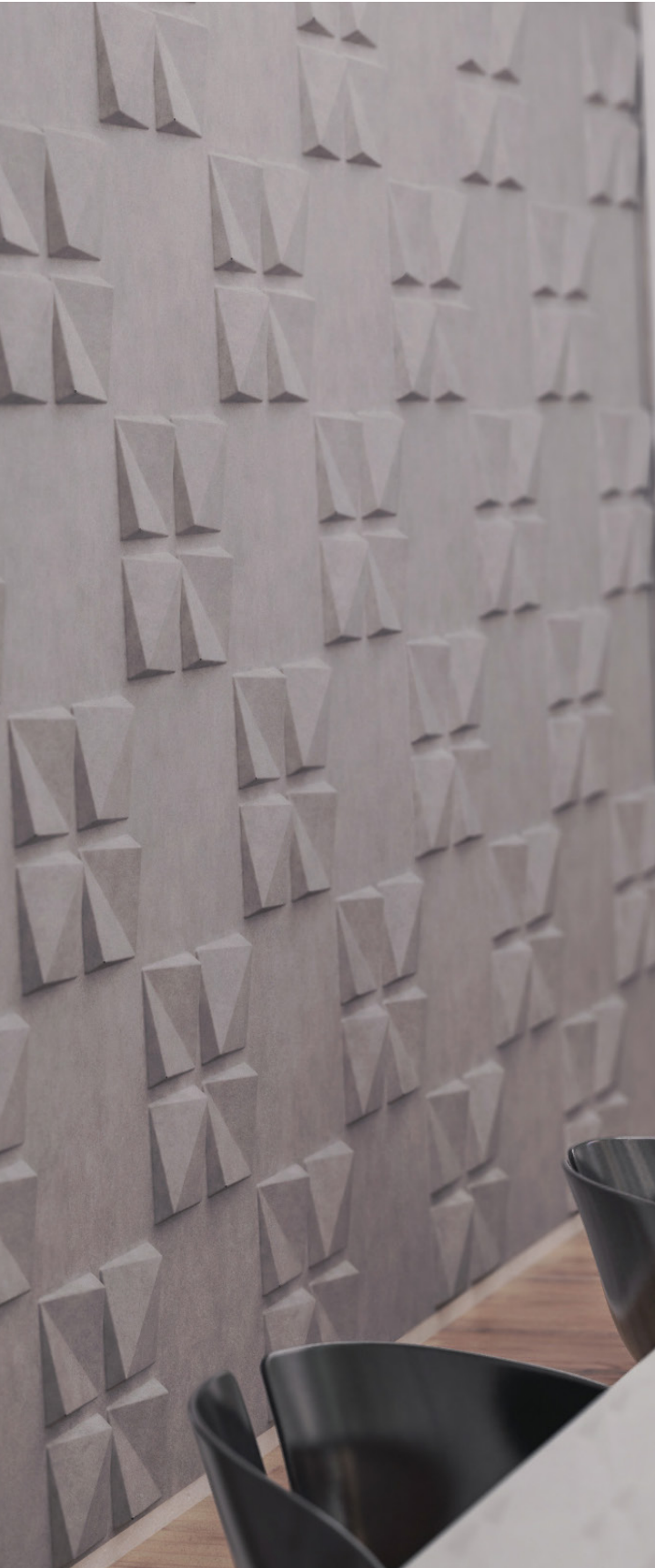




FeltForms Edge Tile

Edge wall tiles provide an ultra-thin layer of sound absorption with versatile applications. Edge tiles make great building blocks for ceiling clouds, air-gaps in front of walls, and fronts for bass-trapping. Edge can also be used as perimeter ceiling tiles or easy to cut tiles for sprinklers, speakers and other mechanicals.





FeltForms Edge Tile

Benefits

- Efficient fronts for conforming sound-trapping enclosures

Applications

- Multimedia and AV environments
- Commercial general usage, office and circulation areas

Performance Testing

Flammability: ASTM E84 Class A

Acoustical: ASTM C423-09a/E795-05 (Type "A" Mounting)

Frequency	Deco Tiles
125	0.02
250	0.00
500	0.04
1000	0.15
2000	0.43
4000	0.62
N.R.C.	0.15

