# kirei

DIAMOND TILES

Acoustic Tiles

Minimize noise reflection from hard surfaces with the sophisticated style of Diamond Tiles. A beautiful fusion of acoustics and aesthetics, Diamond Tile's 187 in^3 of airspace provides superior sound absorption at lower frequencies. Comes in single, 2-, 5- and 10-diamond clusters for more on-wall placement versatility. Easy to install using construction adhesive and is available in a variety of colors from neutral to vibrant tones. Customization is also available for your unique design concepts.

Product shown: Diamond Tiles in Colors 101 (Frost), 124 (Ochre), 330 (Ivy), 338 (Jade), 365 (Navy), 444 (Smoke), 633 (Pacific), & Coronet (660)
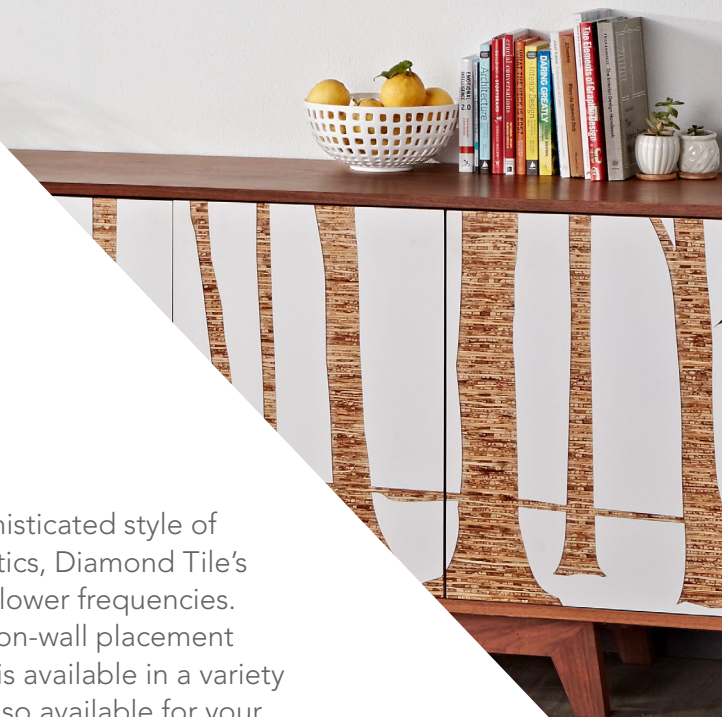
Specs

Style	Standard (LxH)	Depth	Weight/Unit	SF/Unit
Single Diamond	13.9 in. x 12 in.	6.5 in.	1 lb	0.87
2-Diamond Cluster	13.9 in. x 24.1 in.	6.5 in.	2 lbs	1.74
5-Diamond Cluster	24.4 in. x 36.1 in.	6.5 in.	5 lbs	4.36
10-Diamond Cluster	45.2 in. x 36.1 in.	6.5 in.	10 lbs	8.74

All specs refer to singular products and not multiples unless specified. Due to the nature of the material, cutting and fabrication process, minor dimensional variances may occur.

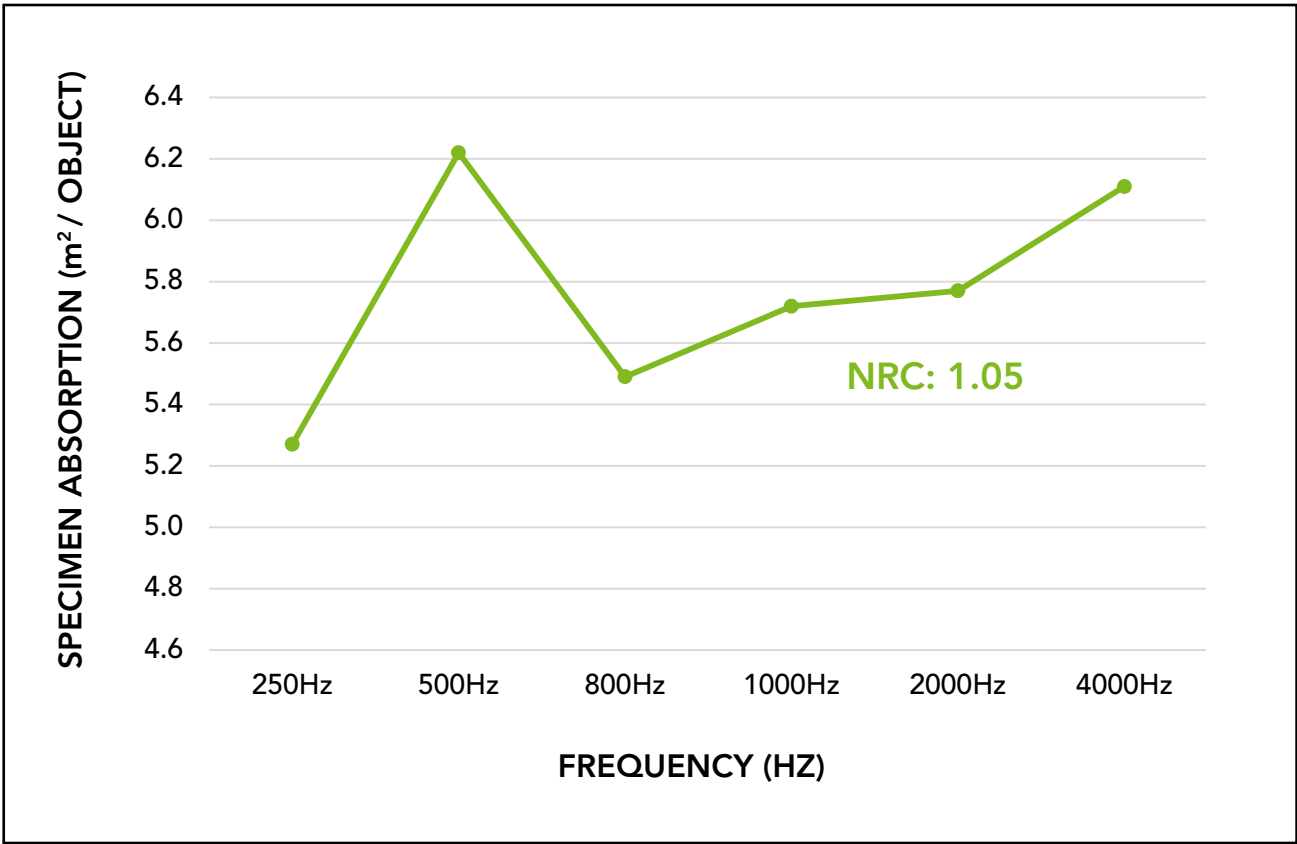|	
Designer	Kirei
Panel Thickness	12mm
Material	100% PET (60% post-consumer recycled)
Fire Rating	ASTM E84 Class A
Custom Options	Available upon request
Lead Time	*4-6 weeks (1-100 diamonds, not clusters) *6-8 weeks (100+ diamonds, not clusters) *For larger quantities, lead times determined per order*
VOC Emissions	CDPH (CA 01350) Compliant TVOC: <0.5 mg/m3 Ecospecifier GreenTag Compliant TVOC: 0.015 mg/m2/hr (ASTM D5116)

*Actual lead times are determined when the project goes into production and can change based on production schedule and all quantities, color and thicknesses being in stock at time of order. See Kirei's Product Lead Time Disclosure for more information.
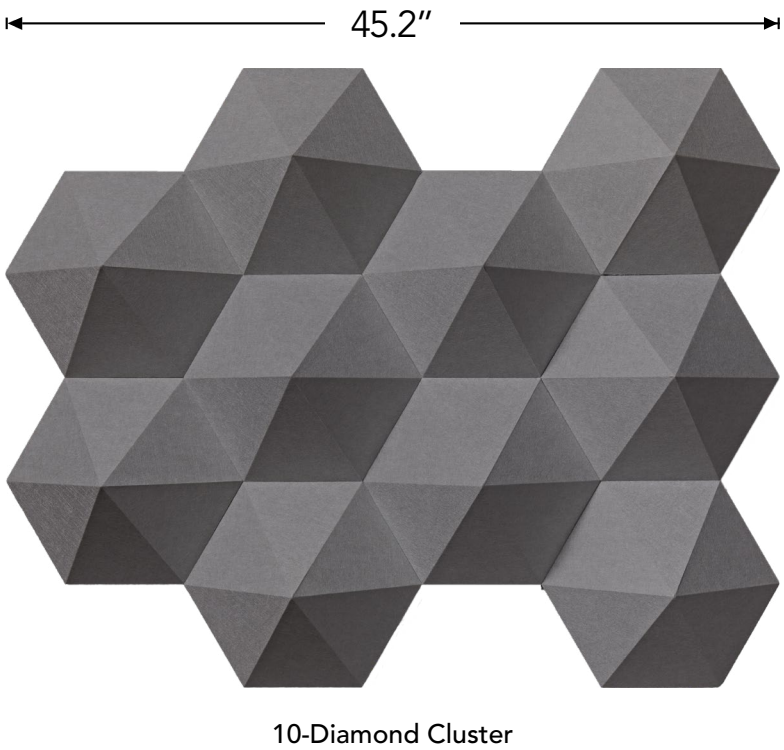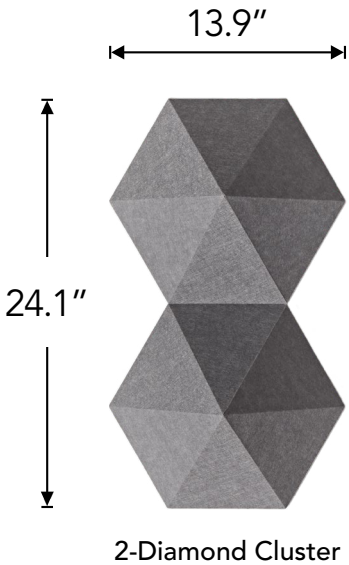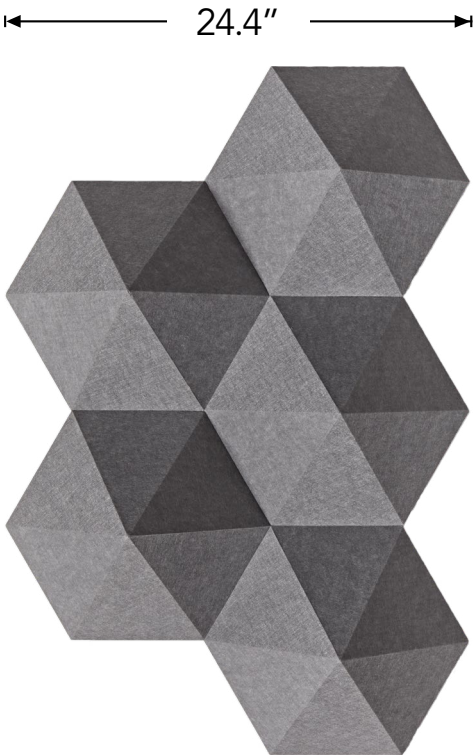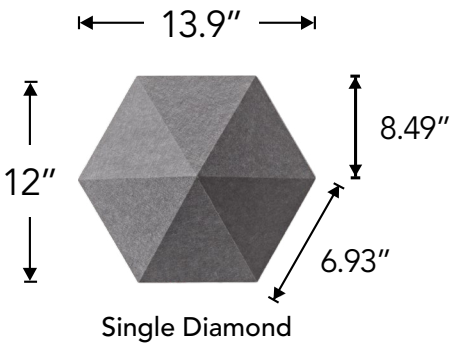
Acoustic Data

Sound Absorption

Frequency	250Hz	500Hz	800Hz	1000Hz	2000Hz	4000Hz	NRC
m²/Object	5.27	6.22	5.49	5.72	5.77	6.11	1.05

Acoustic data is measured in Sabins per Diamond Tile.

NRC: 1.05

Product Dimensions

←— 6.5″ —→

0.47″

12″

9.17″

←— 13.9″ —→

12″

8.49″

6.93″

Single Diamond

←— 24.4″ —→

36.1″

5-Diamond Cluster

←— 13.9″ —→

24.1″
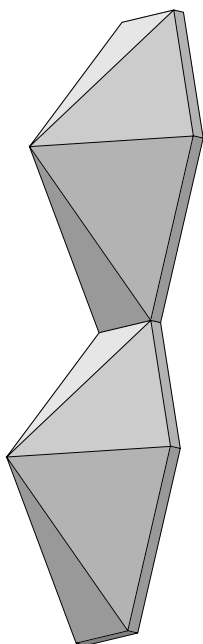
2-Diamond Cluster

←— 45.2″ —→

36.1″
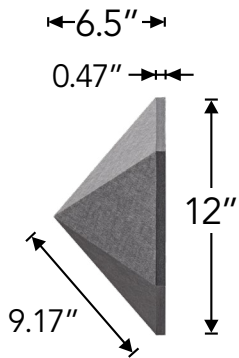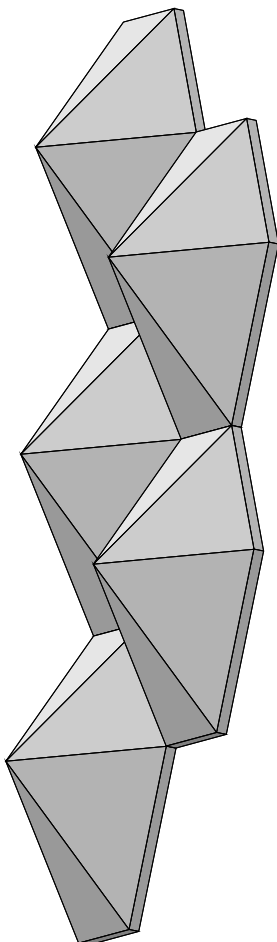
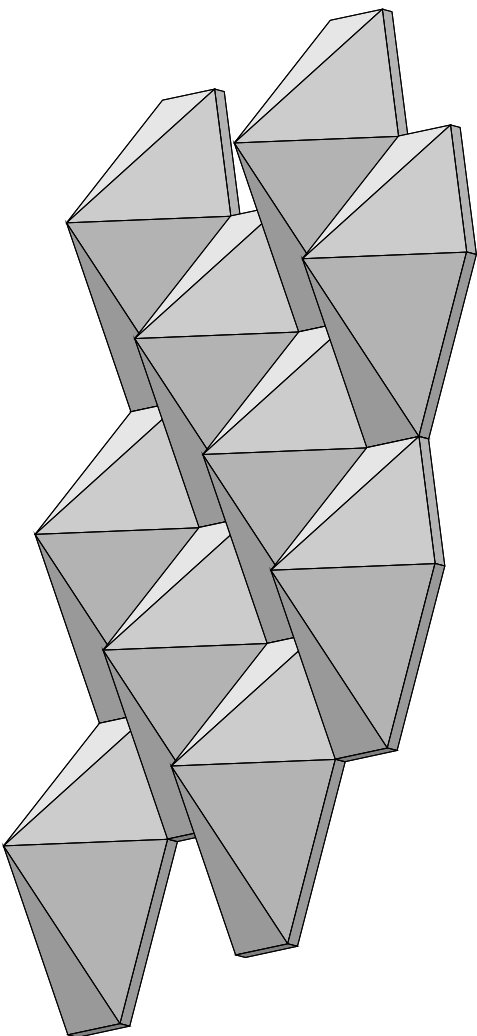10-Diamond Cluster

Product Side View
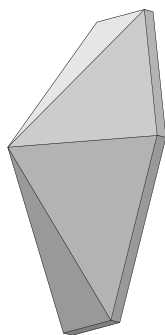
Single Diamond

2-Diamond Cluster

5-Diamond Cluster

10-Diamond Cluster

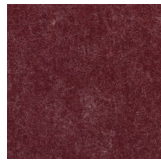# Available Colors

101 Frost
12mm

106 Butter
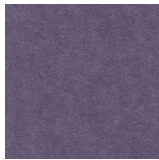12mm

108 Sunshine
12mm
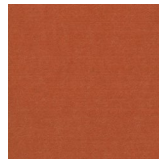
124 Ochre
12mm

167 Cinnamon
12mm

193 Rouge
12mm

269 Wine
12mm

274 Orchid
12mm

276 Lavender
12mm

295 Mandarin
12mm

330 Ivy
12mm

338 Jade
12mm

349 Vineyard
12mm
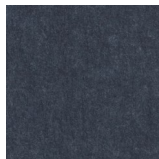
365 Navy
12mm

381 Lime Splice
12mm

384 Olive
12mm

402 Pebble
12mm
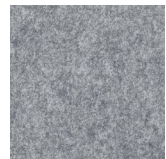
442 Grey
12mm

444 Smoke
12mm

447 Slate
12mm
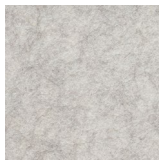
454 Mushroom
12mm
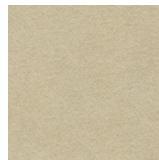
468 Vanilla
12mm
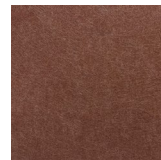
484 Cayenne
12mm

487 Blush
12mm

495 Dusk
12mm

500 White
12mm

542 Black
12mm
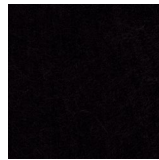
550 Onyx
12mm

551 Duck Egg
12mm

573 Mint
12mm

579 Pistachio
12mm

580 Sage
12mm

633 Pacific
12mm

660 Coronet
12mm

721 Nutmeg
12mm

908 Cream
12mm

Color variation between dye lots is a natural characteristic of recycled PET felt due to the manufacturing process. Slight differences between samples and finished product may occur.

Installation

When mounting, use standard construction adhesives (e.g. Liquid Nails/Titebond - NOT PVA glue). Clean and prepare surface per adhesive guidelines. Spread adhesive evenly on panel back, leaving 2" space at edges. Adhere to wall surface, providing bracing to hold material against surface per adhesive open time/instructions. For more information, see the Diamond Tiles Installation Guide.

Custom Printing with Kirei Ink

Diamond Tiles can be custom printed in house with Kirei Ink. We would love to work with you to print your own custom color, pattern, graphic or material. Reach out and our team will be ready to assist!

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Product shown: Diamond Cloud/Tile, Racetrack Path Tile, and Barcode Tile in Kirei Ink (Travertine)

Diamond Tiles in Colors 330 (Ivy) & 365 (Navy)

Product shown: Diamond Tiles in Color 660 (Coronet)

Product shown: Diamond Tiles in Color 444 (Smoke)

Product shown: Diamond Tiles in Colors 124 (Ochre), 365 (Navy), & 349 (Vineyard)

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Learn more and request your free sample:
619.236.9924 | sales@kireiusa.com
kireiusa.com