kirei

SYNC TILES

Acoustic Tiles

Get ready to sync up with Sync Tiles. You'll find just the right look and sound for any space with Sync's 7 modular acoustic tiles in more than 30 rich and versatile colorways. Sync gives you the freedom to design a near endless array of patterns, all with a simple spec you can feel good about from the first sketch through installation. Whether you want to build out a feature wall or create unity across rooms, Sync delivers trusted acoustic absorption with every unique design.

Product shown: Sync Tiles in Color 487 (Blush)

Specs

Style	Standard (LxH)	Thickness	Weight	SF/Box
11.5 x 11.5 Tile	11.5 in. x 11.5 in.	0.47 in. 0.94 in.	0.25 lbs 0.5 lbs	0.92
11.5 x 23 Tile	11.5 in. x 23 in.	0.47 in. 0.94 in.	0.5 lbs 1.0 lbs	1.84
11.5 x 46 Tile	11.5 in. x 46 in.	0.47 in. 0.94 in.	1 lbs 2 lbs	3.67
23 x 23 Tile	23 in. x 23 in.	0.47 in. 0.94 in.	1 lbs 2 lbs	3.67
23 x 46 Tile	23 in. x 46 in.	0.47 in. 0.94 in.	2 lbs 4 lbs	7.35
46 x 46 Tile	46 in. x 46 in.	0.47 in. 0.94 in.	4 lbs 8 lbs	14.69
46 x 92 Tile	46 in. x 92 in.	0.47 in. 0.94 in.	8 lbs 16 lbs	29.39

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

Specs

Designer	Kirei
Panel Thickness	12mm & 24mm
Material	100% PET (60% post-consumer recycled)
Fire Rating	ASTM E84 Class A
Custom Options	Available upon request
Lead Time	*4-6 weeks
VOC Emissions	CDPH (CA 01350) Compliant TVOC: <0.5 mg/m3 Ecospecifier GreenTag Compliant TVOC: 0.015 mg/m2/hr (ASTM D5116)

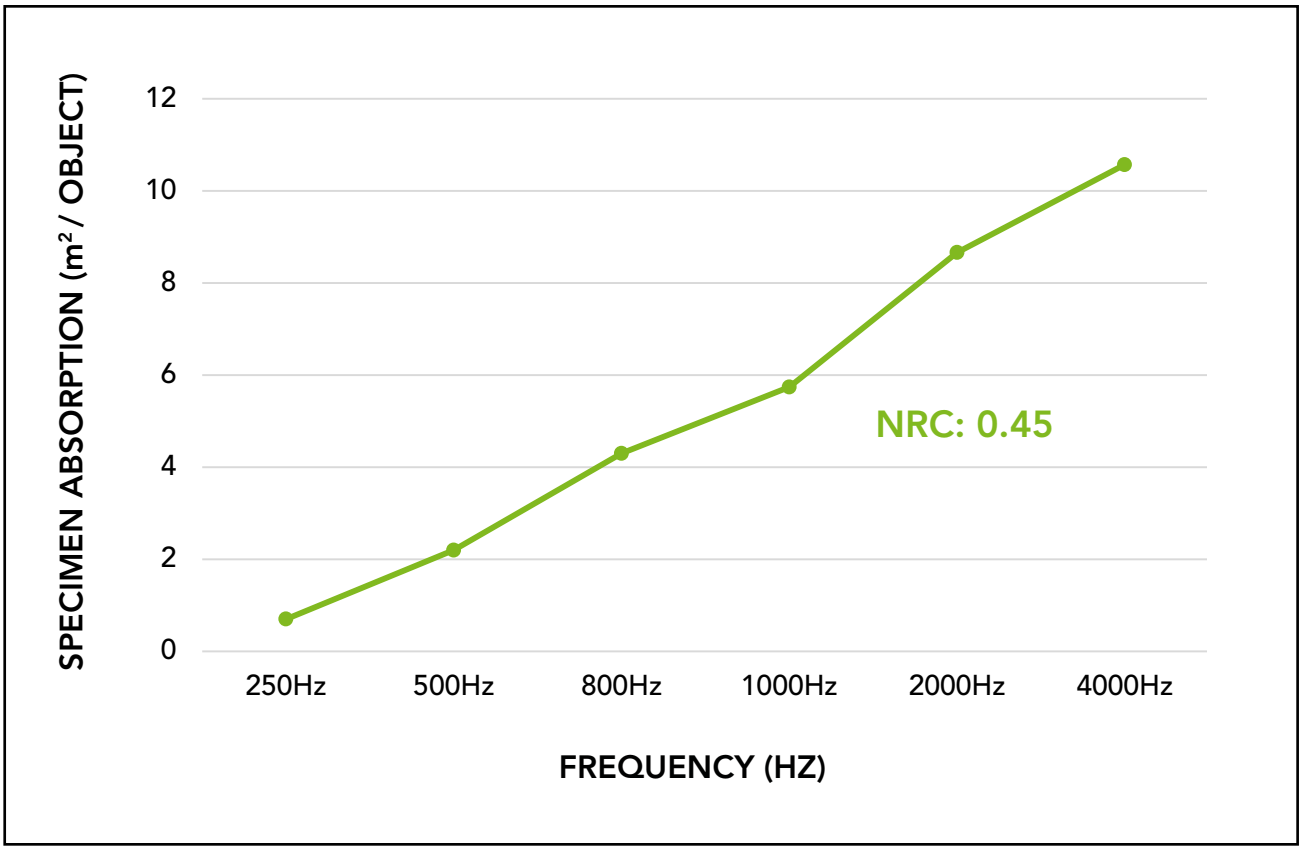
*Actual lead times are determined when the project goes into production and can change based on production schedule and all quantities, color and thicknesses being in stock at time of order. See Kirei's Product Lead Time Disclosure for more information.

Acoustic Data

Sound Absorption for 12mm

Frequency	250Hz	500Hz	800Hz	1000Hz	2000Hz	4000Hz	NRC
m²/Object	0.70	2.20	4.30	5.74	8.66	10.57	0.45 (no air gap)
m²/Object (20mm air gap)	1.51	4.33	7.35	8.56	9.97	9.97	0.60 (20mm air gap)
m²/Object (50mm air gap)	3.32	7.35	9.87	10.07	9.67	10.07	0.75 (50mm air gap)
m²/Object (1" fiberglass)	4.33	6.78	6.66	6.58	6.47	7.10	0.90 (1" fiberglass)
m²/Object (2" fiberglass)	6.56	7.35	7.03	6.49	6.60	6.80	1.00 (2" fiberglass)

Acoustic data is measured in Sabins per 12mm PET.

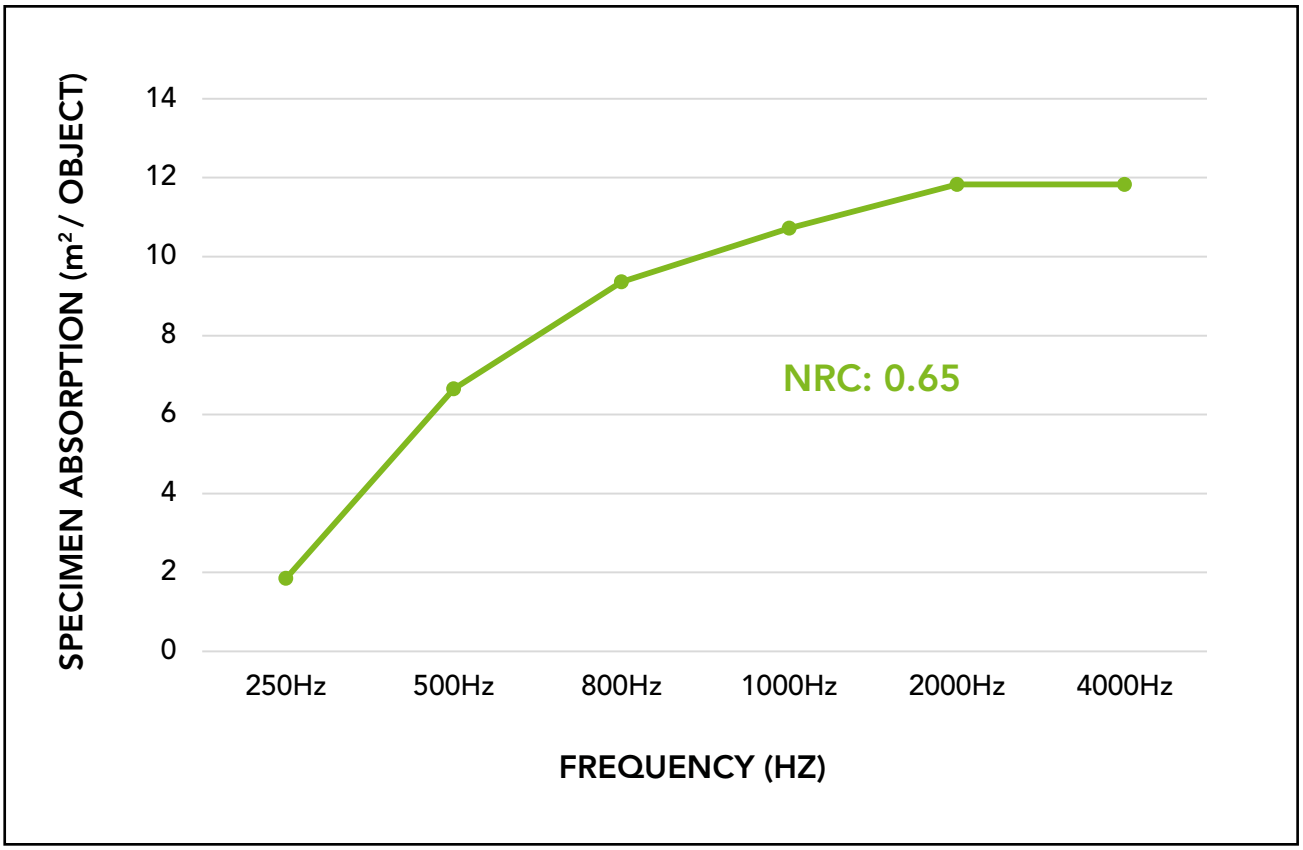


Acoustic Data

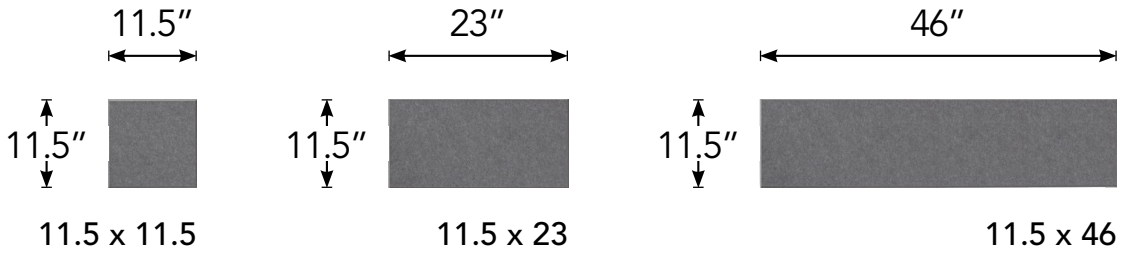
Sound Absorption for 24mm

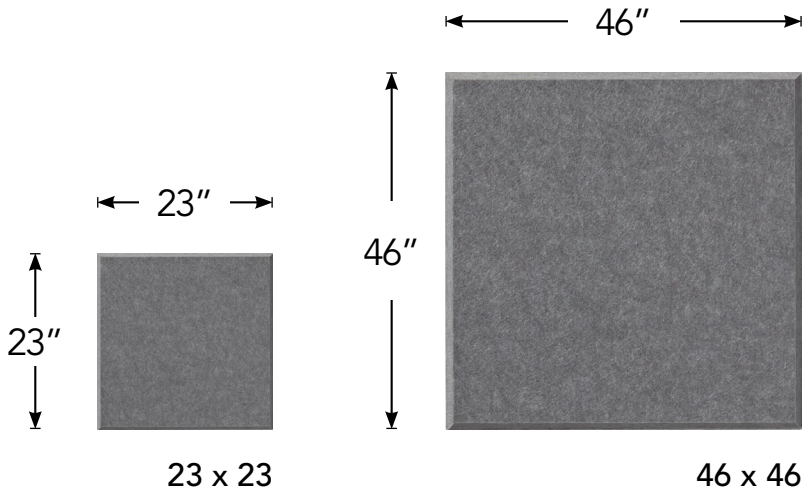
Frequency	250Hz	500Hz	800Hz	1000Hz	2000Hz	4000Hz	NRC
m²/Object	1.85	6.65	9.36	10.72	11.83	11.83	0.65 (no air gap)
m²/Object (20mm air gap)	2.59	8.13	11.33	12.57	12.57	12.20	0.75 (20mm air gap)
m²/Object (50mm air gap)	4.93	10.96	13.18	13.06	11.70	11.95	0.85 (50mm air gap)
m²/Object (2" fiberglass)	6.97	7.77	7.35	6.97	6.88	7.01	1.05 (2" fiberglass)

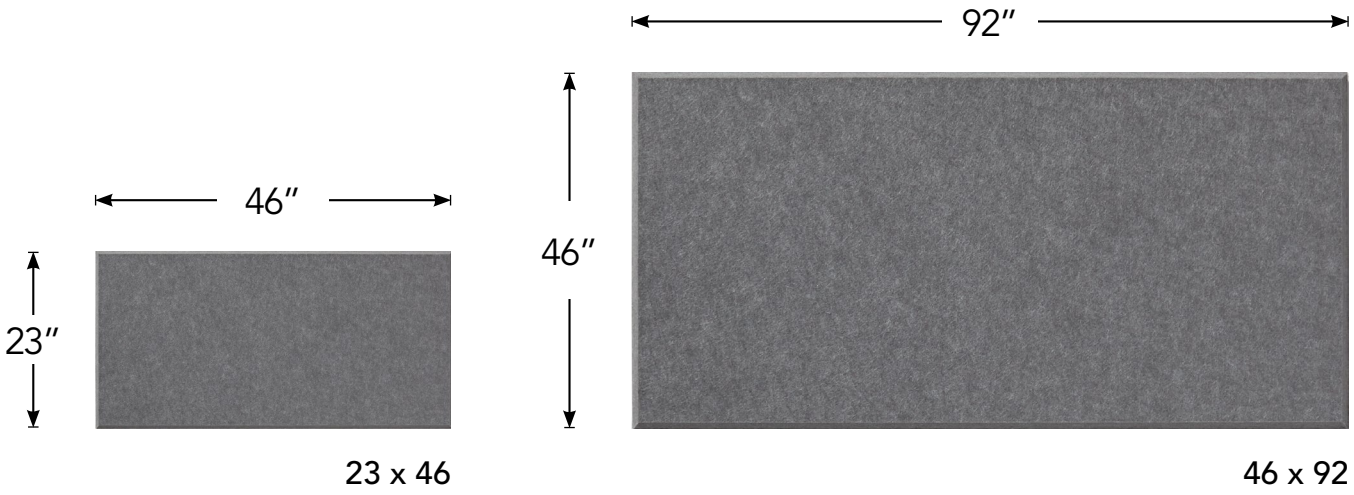
Acoustic data is measured in Sabins per 24mm PET.



Product Dimensions

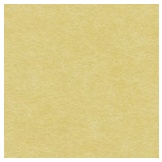






Available Colors

101 Frost
12mm | 24mm



106 Butter
12mm

108 Sunshine
12mm

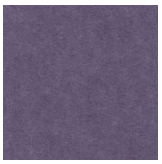
124 Ochre
12mm | 24mm

167 Cinnamon
12mm | 24mm

193 Rouge
12mm

269 Wine
12mm | 24mm

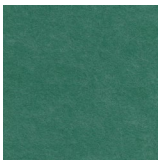
274 Orchid
12mm | 24mm



276 Lavender
12mm

295 Mandarin
12mm

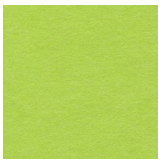
330 Ivy
12mm | 24mm



338 Jade
12mm

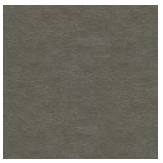
349 Vineyard
12mm

365 Navy
12mm | 24mm



381 Lime Splice
12mm

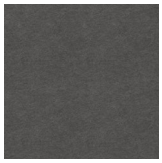
384 Olive
12mm | 24mm



402 Pebble
12mm | 24mm

442 Grey
12mm | 24mm

444 Smoke
12mm



447 Slate
12mm | 24mm

454 Mushroom
12mm | 24mm

468 Vanilla
12mm | 24mm

484 Cayenne
12mm

487 Blush
12mm | 24mm

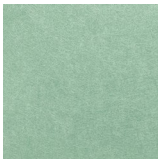
495 Dusk
12mm

500 White
12mm | 24mm

542 Black
12mm | 24mm

550 Onyx
12mm | 24mm

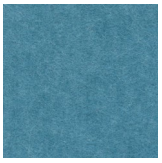
551 Duck Egg
12mm



573 Mint
12mm

579 Pistachio
12mm

580 Sage
12mm | 24mm



633 Pacific
12mm | 24mm

660 Coronet
12mm

721 Nutmeg
12mm

908 Cream
12mm | 24mm

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 Sync Tiles Installation Guide.

Custom Printing with Kirei Ink

Sync 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: Flood printing in Pantone 5425 on Sync Tiles in Color 365 (Navy)

Product shown: Sync Tiles in Colors 108 (Sunshine) & 447 (Slate)

Product shown: Sync Tiles in Color 365 (Navy)

Product shown: Sync Tiles in Color 108 (Sunshine)

Product shown: Sync Tiles in Color 447 (Slate)

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Learn more and request your free sample:

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