kirei ECHOLINE®

45 PANELS

Etched Acoustic Panels

Energize spaces with dynamic lines that are going places. 45 Panel's simple, consistent groove pattern adds subtle or striking dimension to wall or ceiling surfaces. Easy to install, 45 Panel's controlled playfulness is linear design that fixes acoustic imbalances for happier, healthier occupants.

Product shown: 45 Panels in Color 551 (Duck Egg)

Specs

Style	Standard (LxH)	Thickness	Weight	SF/Panel	Min. Radius
45 (0.5) (12mm)	45.3 in. x 107.5 in.	0.47 in.	19 lbs	35.5	n/a
45 (0.5) (24mm)	45.3 in. x 107.5 in.	0.94 in.	21 lbs	35.5	n/a
45 (1.0) (12mm)	45.3 in. x 107.5 in.	0.47 in.	19 lbs	35.5	n/a
45 (1.0) (24mm)	45.3 in. x 107.5 in.	0.94 in.	21 lbs	35.5	n/a
45 (2.0) (12mm)	45.3 in. x 107.5 in.	0.47 in.	19 lbs	35.5	n/a
45 (2.0) (24mm)	45.3 in. x 107.5 in.	0.94 in.	21 lbs	35.5	n/a
45 (4.0) (12mm)	45.3 in. x 107.5 in.	0.47 in.	19 lbs	35.5	n/a
45 (4.0) (24mm)	45.3 in. x 107.5 in.	0.94 in.	21 lbs	35.5	n/a

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. Custom options available upon request. 45 Panels are sold individually and ship flat.

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 (1-100 panels) *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.
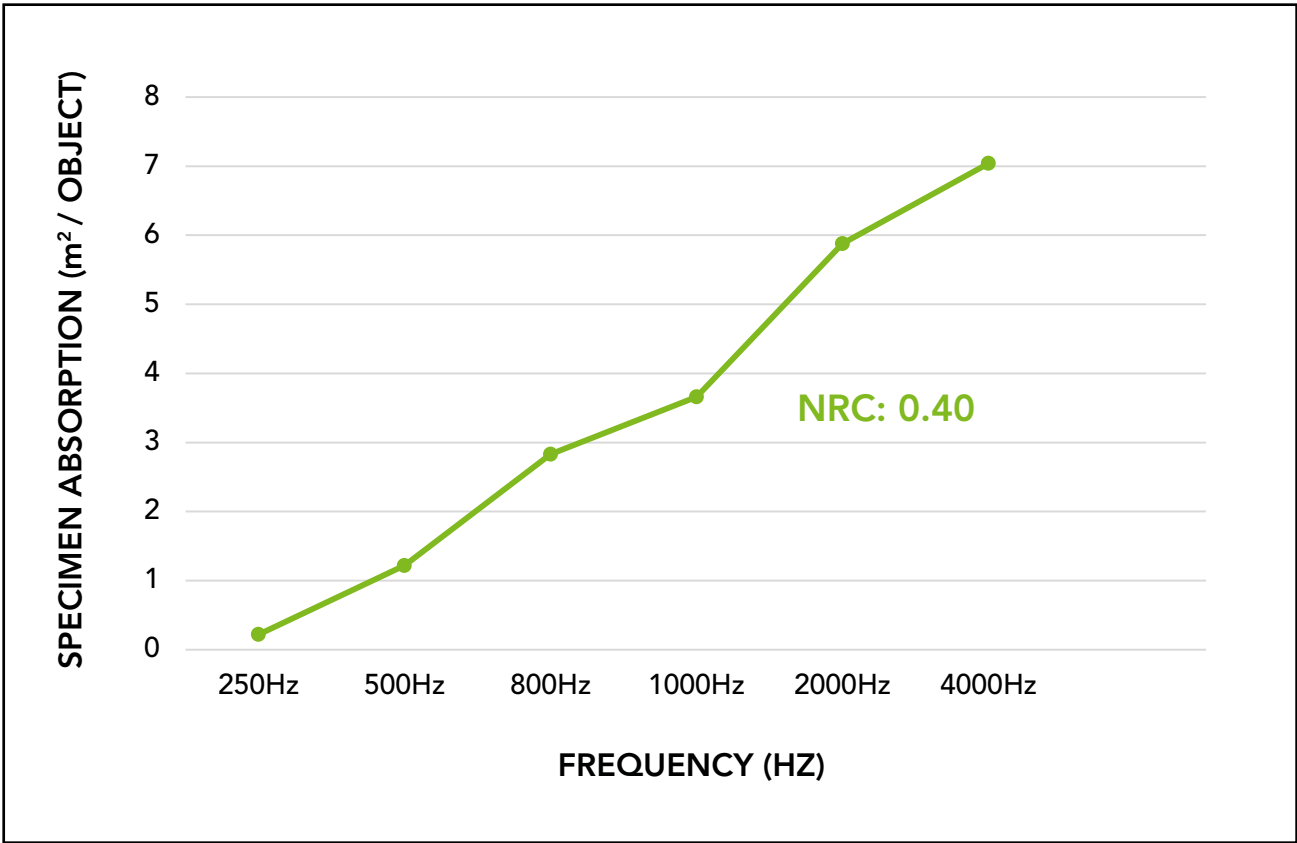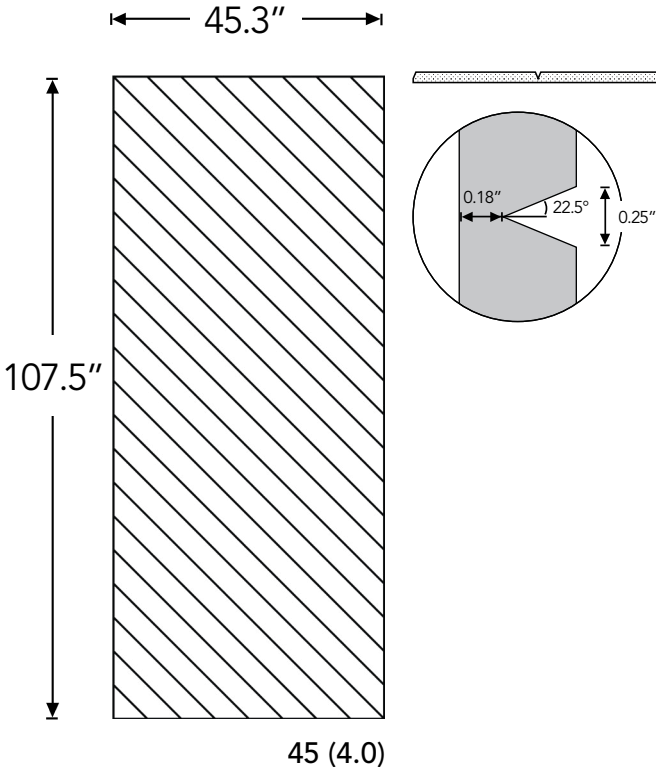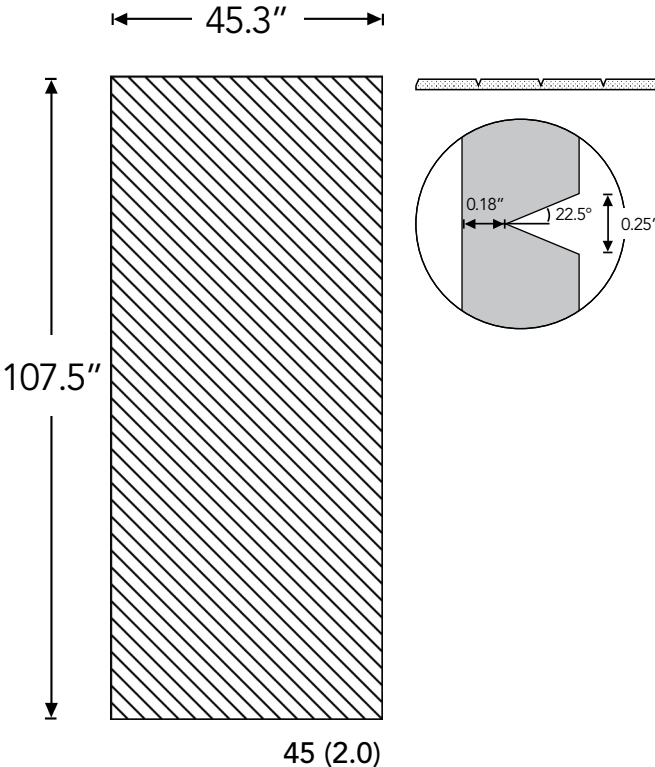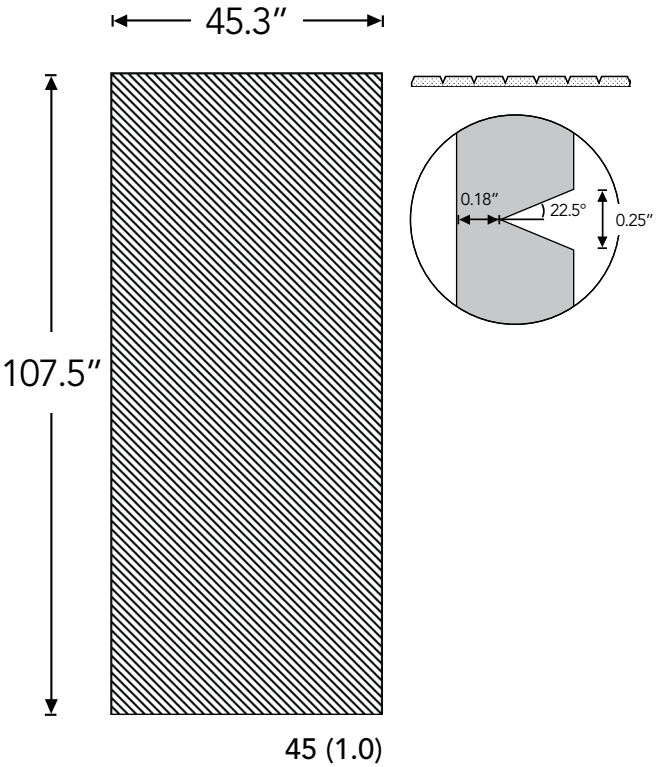
Acoustic Data

Sound Absorption Groovy 3.0 Panels

Frequency	250Hz	500Hz	800Hz	1000Hz	2000Hz	4000Hz	NRC
m²/Object	0.22	1.22	2.83	3.66	5.88	7.04	0.40

Acoustic data is measured in Sabins per Groovy 3.0 panel with 12mm thickness.

NRC: 0.40

SPECIMEN ABSORPTION (m² / OBJECT)

FREQUENCY (HZ)

Product Dimensions

45.3″

107.5″

0.18″ 22.5° 0.25″

45 (0.5)

45.3″

107.5″

0.18″ 22.5° 0.25″

45 (1.0)

45.3″

107.5″

0.18″ 22.5° 0.25″

45 (2.0)

45.3″

107.5″

0.18″ 22.5° 0.25″

45 (4.0)
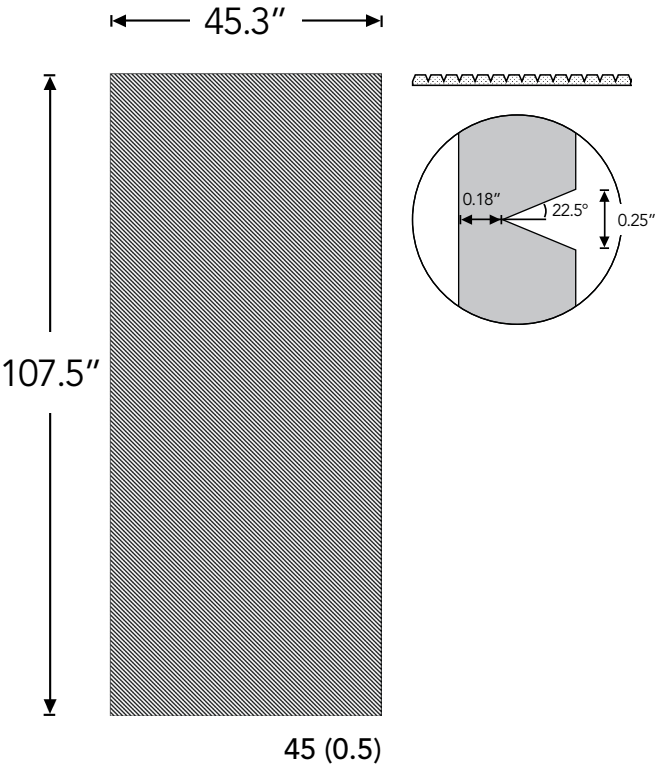
Available Colors

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
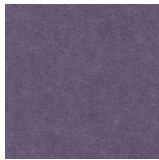
276 Lavender
12mm

295 Mandarin
12mm

330 Ivy
12mm | 24mm

338 Jade
12mm

349 Vineyard
12mm
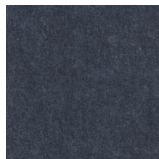
365 Navy
12mm | 24mm

381 Lime Splice
12mm

384 Olive
12mm | 24mm

402 Pebble
12mm | 24mm
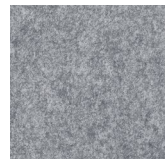
442 Grey
12mm | 24mm

444 Smoke
12mm

447 Slate
12mm | 24mm
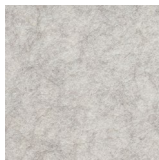
454 Mushroom
12mm | 24mm

468 Vanilla
12mm | 24mm
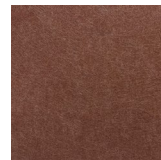
484 Cayenne
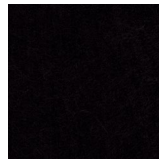12mm

487 Blush
12mm | 24mm

495 Dusk
12mm

500 White
12mm | 24mm

542 Black
12mm | 24mm

550 Onyx
12mm | 24mm

551 Duck Egg
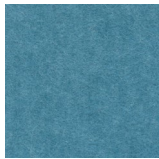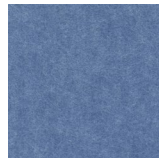12mm

573 Mint
12mm

579 Pistachio
12mm
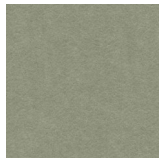
580 Sage
12mm | 24mm

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 EchoLine Panels Installation Guide.

Custom Printing with Kirei Ink

45 Panels 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)

Product shown: 45 (2.0) Panels in Color 274 (Orchid)

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