



kirei

PET PANEL

Acoustic PET Panels

Increase acoustic absorption and visual allure with PET Panels. Composed of 100% PET plastic containing at least 60% post-consumer content, designers can create truly memorable spatial experiences using PET Panels as panels or crafted into Kirei products.

Product shown: PET Panels in Color 442 (Grey)

Specs

Style	Standard (LxH)	Thickness	Weight	SF/Panel
12mm Panel	47.24 in. x 110.24 in.	0.47 in.	18 lbs	36.2
24mm Panel	47.24 in. x 110.24 in.	0.94 in.	22 lbs	36.2

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. PET Panels are sold individually and ships flat. Please note that not all colors come in all thicknesses. Refer to the sample board for color and size availability.

Panel Thickness 12mm & 24mm PET Panels

Material PET Panels are PET felt made with at least 60% post-consumer content.

Fire Rating ASTM E84 Class A

Custom Options Available upon request

Lead Time *In stock for immediate shipment

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.

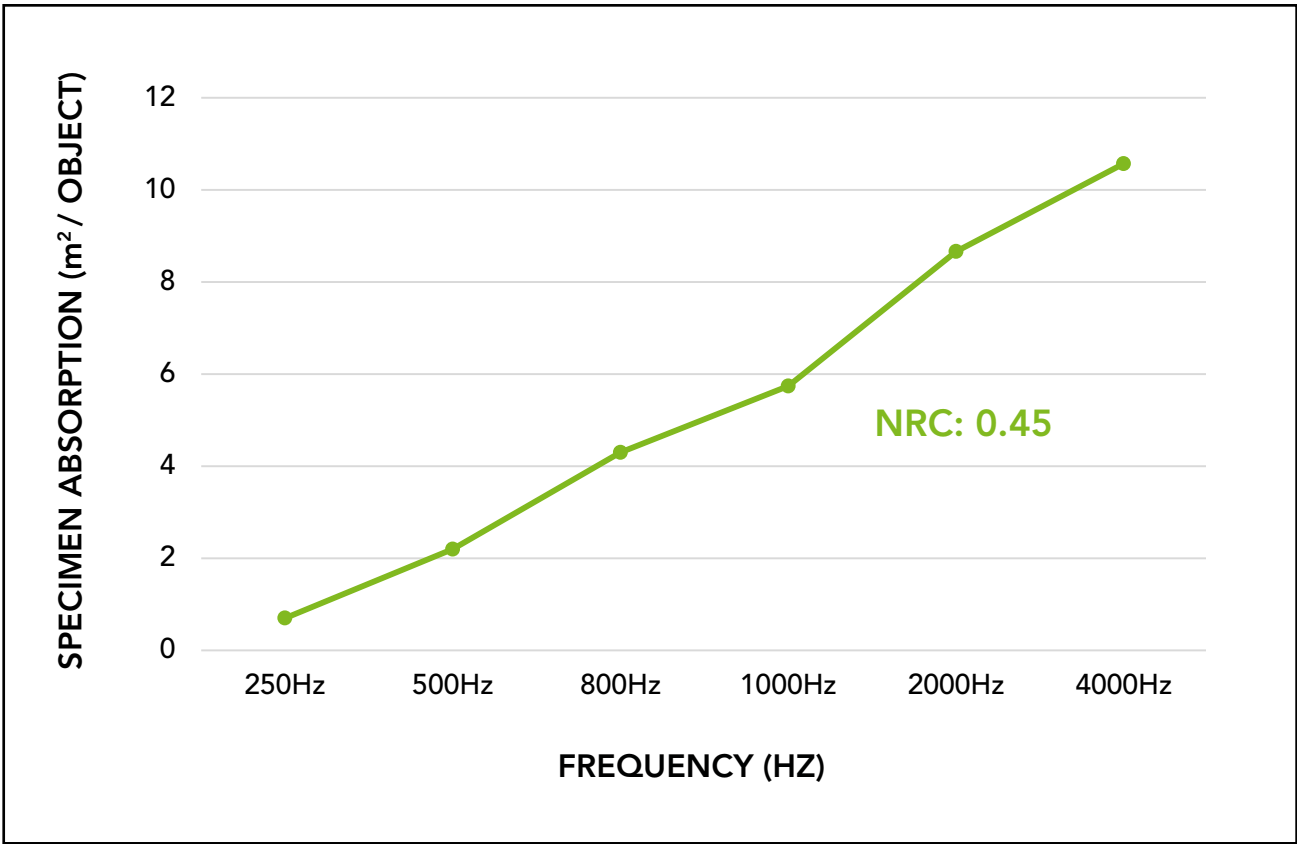


Acoustic Data

Sound Absorption 12mm PET Panel

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

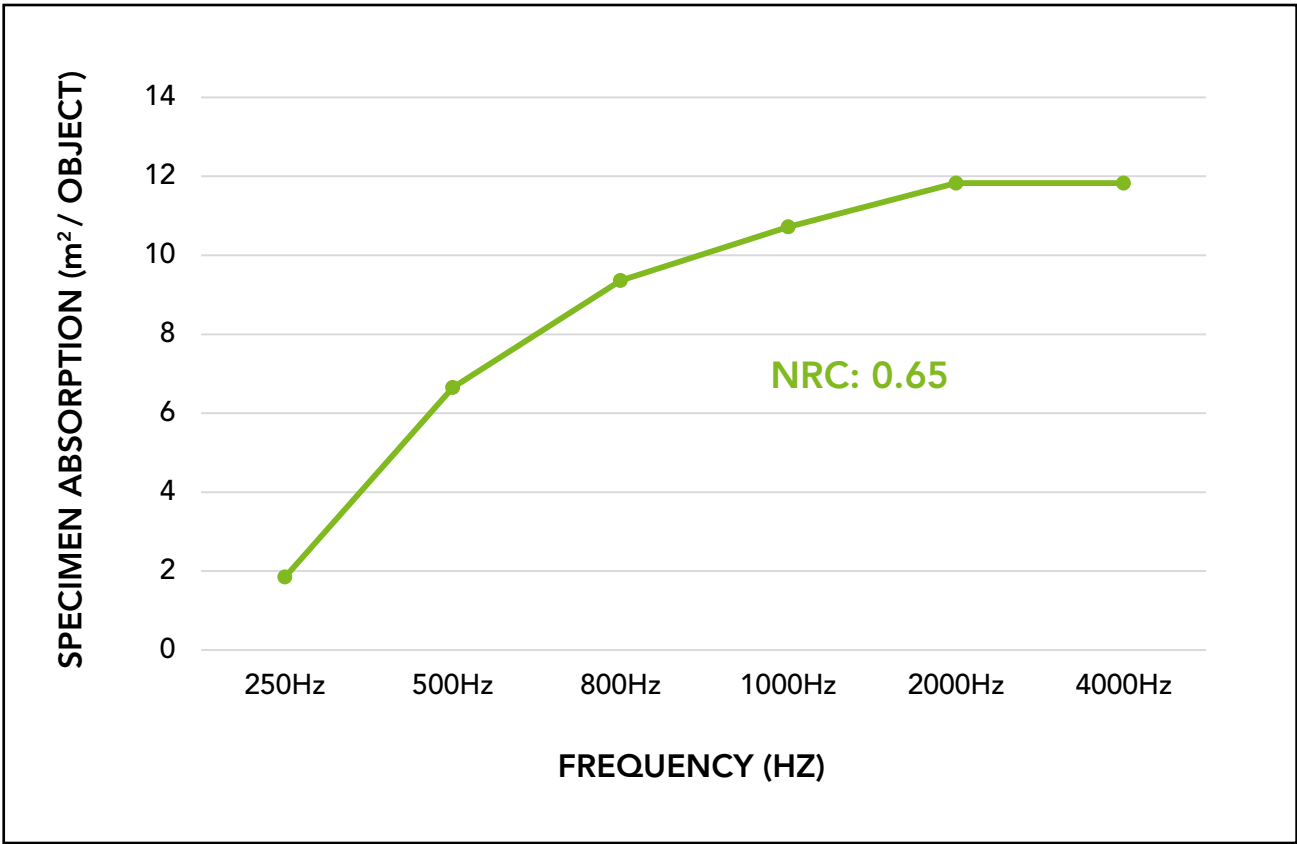


Acoustic Data

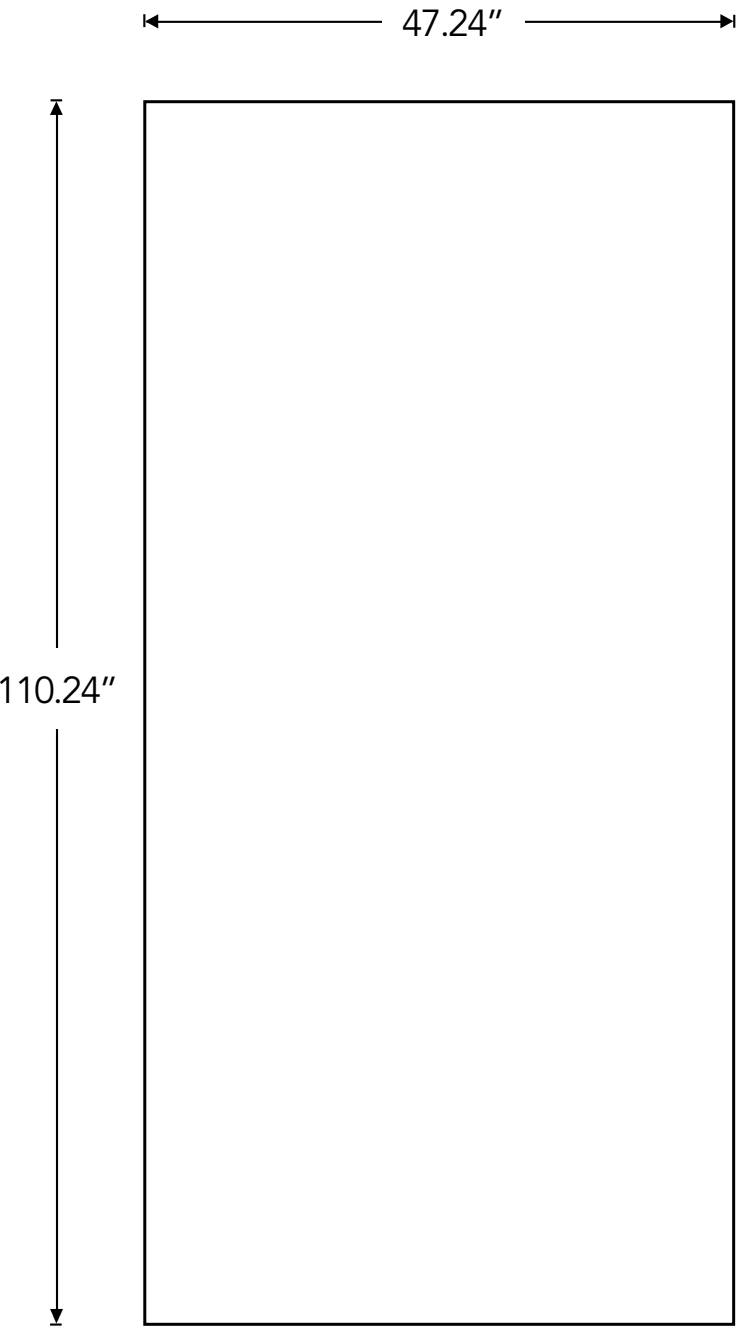
Sound Absorption 24mm PET Panel

Frequency	250Hz	500Hz	800Hz	1000Hz	2000Hz	4000Hz	NRC
m ² /Object	1.85	6.65	9.36	10.72	11.83	11.83	0.65 (no air gap)
m ² /Object (20mm air gap)	2.59	8.13	11.33	12.57	12.57	12.20	0.75 (20mm air gap)
m ² /Object (50mm air gap)	4.93	10.96	13.18	13.06	11.70	11.95	0.85 (50mm air gap)
m ² /Object (1" fiberglass)	6.97	7.77	7.35	6.97	6.88	7.01	1.05 (2" fiberglass)

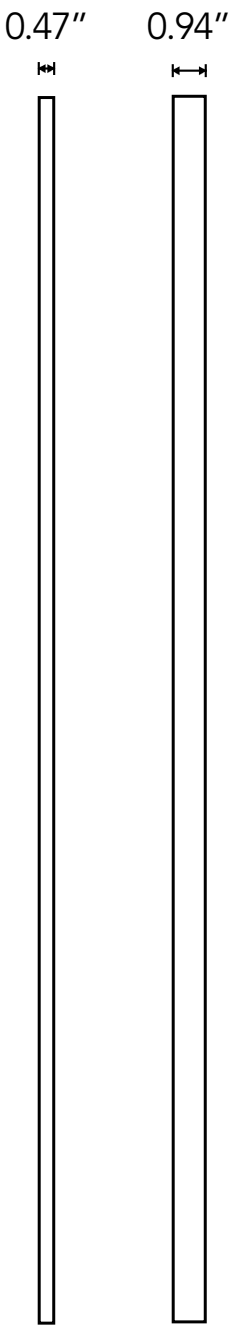
Acoustic data is measured in Sabins per 24mm PET Panel.



Product Dimensions



Front View



Side View

Available Colors



101 Frost
12mm | 24mm



106 Butter
12mm



108 Sunshine
12mm



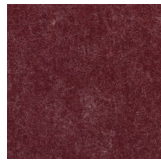
124 Ochre
12mm | 24mm



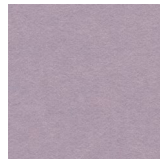
167 Cinnamon
12mm | 24mm



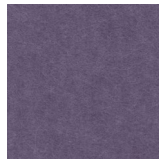
193 Rouge
12mm



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



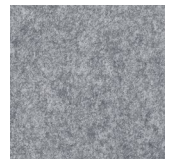
381 Lime Splice
12mm



384 Olive
12mm | 24mm



402 Pebble
12mm | 24mm



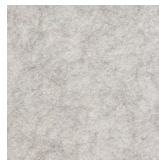
442 Grey
12mm | 24mm



444 Smoke
12mm



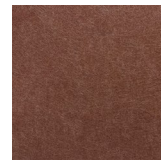
447 Slate
12mm | 24mm



454 Mushroom
12mm | 24mm



468 Vanilla
12mm | 24mm



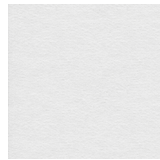
484 Cayenne
12mm



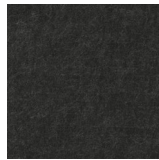
487 Blush
12mm | 24mm



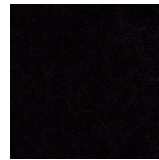
495 Dusk
12mm



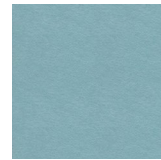
500 White
12mm | 24mm



542 Black
12mm | 24mm



550 Onyx
12mm | 24mm



551 Duck Egg
12mm



573 Mint
12mm



579 Pistachio
12mm



580 Sage
12mm | 24mm



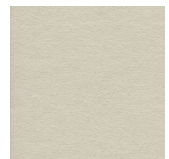
633 Pacific
12mm | 24mm



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

PET Panels can be installed on walls and ceilings as well as in office furniture systems and wall panel systems. Panels can be customized into clouds, baffles, tiles, and more. PET Panels are also tackable for a multipurpose solution in office spaces or educational facilities. For instructions on how to install panels in a variety of ways, see the [PET Panels Installation Guide](#).

Custom Printing with Kirei Ink

PET 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: PET Panels with Custom Printing



Product shown: PET Panels in Color 442 (Grey)



Product shown: PET Panels in Color 442 (Grey)



Product shown: PET Panels in Colors 500 (White) & 542 (Black)



Product shown: PET Panels in Color 444 (Smoke)



Product shown: PET Panels in Color 442 (Grey)

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Learn more and request your free sample:

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