

kirei

9/12/24MM PANELS

Acoustic PET Panels

Increase acoustic absorption and visual allure with acoustic PET Panels. Composed of 100% PET plastic containing at least 60% post-consumer content, designers can create memorable experiences while enhancing the acoustics in a space.

Product shown: PET Panels in Vineyard



Specs

Style	Standard (LxH)	Thickness	Weight	SF/Panel
9mm Panel	47.24" x 110.24"	0.35"	14 lbs	36.2
12mm Panel	47.24" x 110.24"	0.47"	18 lbs	36.2
24mm Panel	47.24" x 110.24"	0.94"	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 ship flat. Please note that not all colors come in all thicknesses. Refer to the sample board for color and size availability.

Material	100% PET (60% recycled content)
Fire Rating	ASTM E84 Class A
Custom Options	Available upon request
Lead Time	Please refer to kireiusa.com for updated lead times.
VOC Emissions	CDPH (CA 01350) Compliant TVOC: <0.5 mg/m ³

*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.

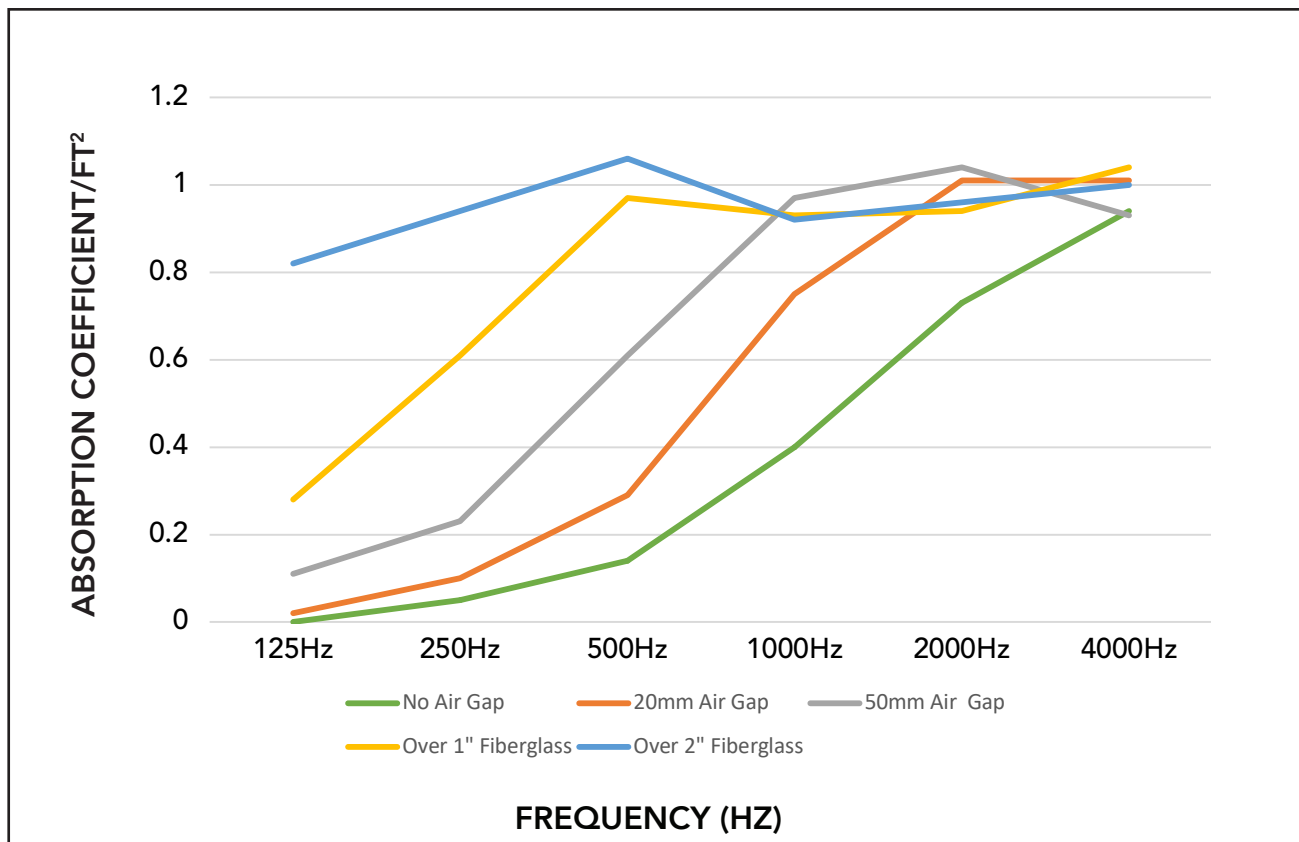


Acoustic Data

Sound Absorption 9mm PET Panel

Abs. Coeff.	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC	SAA
No Air Gap	0.00	0.05	0.14	0.40	0.73	0.94	0.35	0.33
20mm Air Gap	0.02	0.10	0.29	0.75	1.01	1.01	0.55	0.54
50mm Air Gap	0.11	0.23	0.61	0.97	1.04	0.93	0.70	0.71
Over 1" Fiberglass	0.28	0.61	0.97	0.93	0.94	1.04	0.86	0.86
Over 2" Fiberglass	0.82	0.94	1.06	0.92	0.96	1.00	0.97	0.97

Acoustic data is measured in Absorption Coefficient per square foot of material.

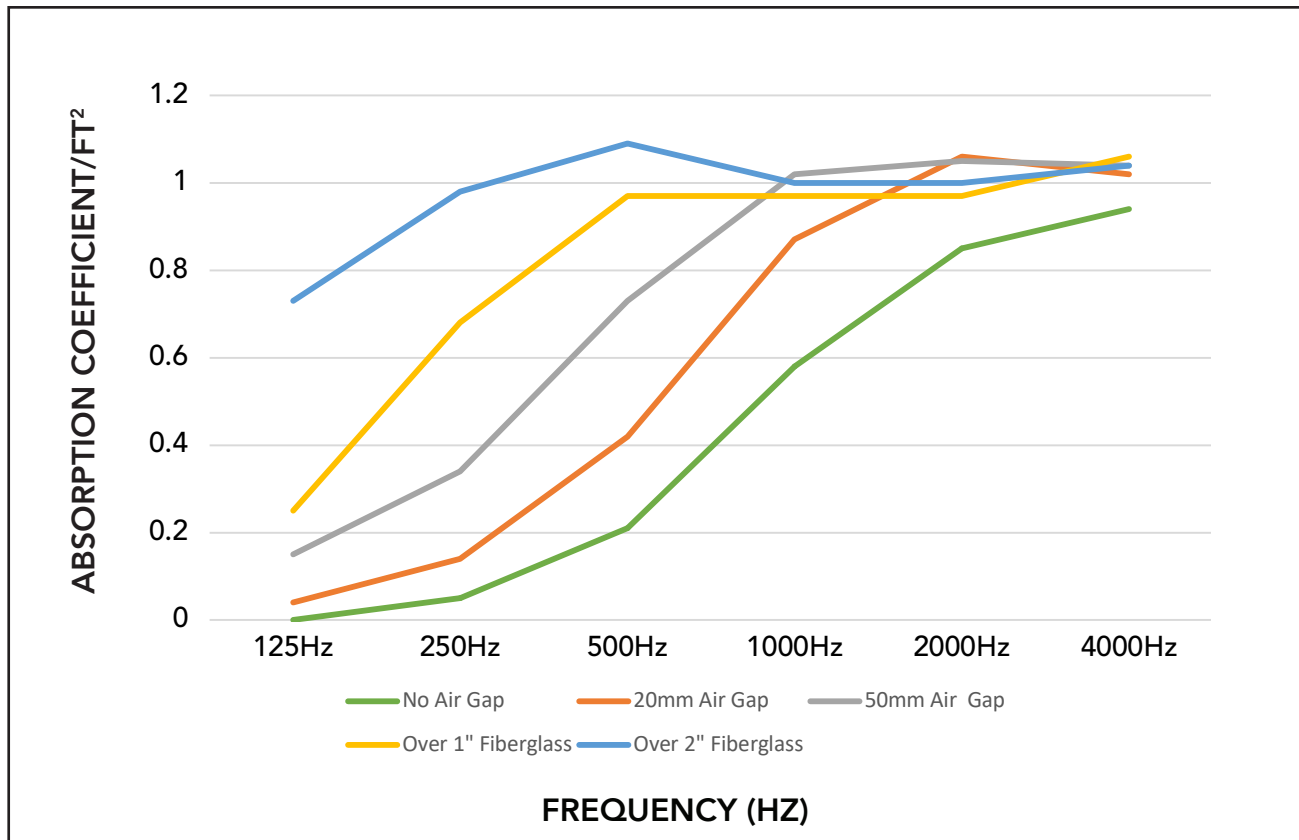


Acoustic Data

Sound Absorption 12mm PET Panel

Abs. Coeff.	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC	SAA
No Air Gap	0.00	0.05	0.21	0.58	0.85	0.94	0.40	0.42
20mm Air Gap	0.04	0.14	0.42	0.87	1.06	1.02	0.60	0.62
50mm Air Gap	0.15	0.34	0.73	1.02	1.05	1.04	0.80	0.78
Over 1" Fiberglass	0.25	0.68	0.97	0.97	0.97	1.06	0.90	0.90
Over 2" Fiberglass	0.73	0.98	1.09	1	1	1.04	1.00	1.02

Acoustic data is measured in Absorption Coefficient per square foot of material.

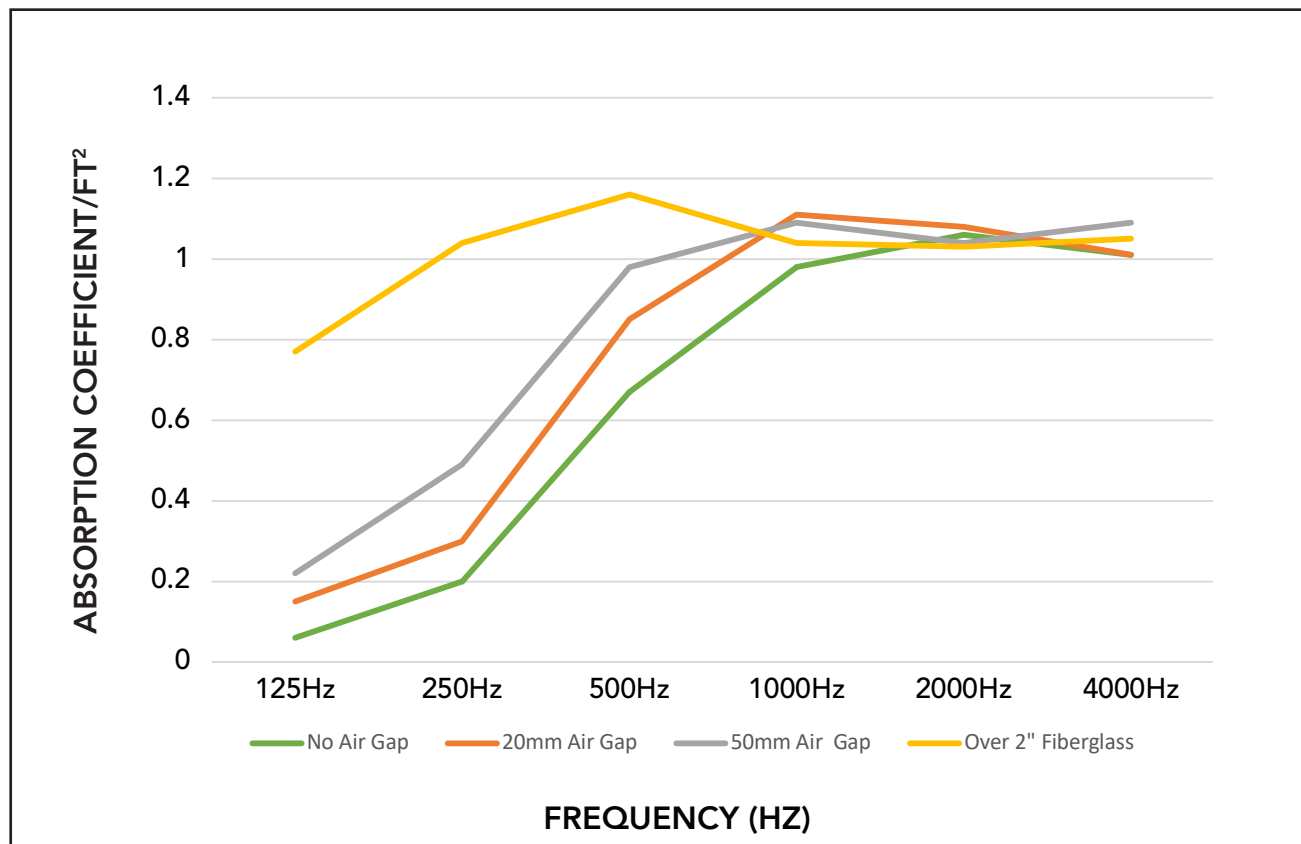


Acoustic Data

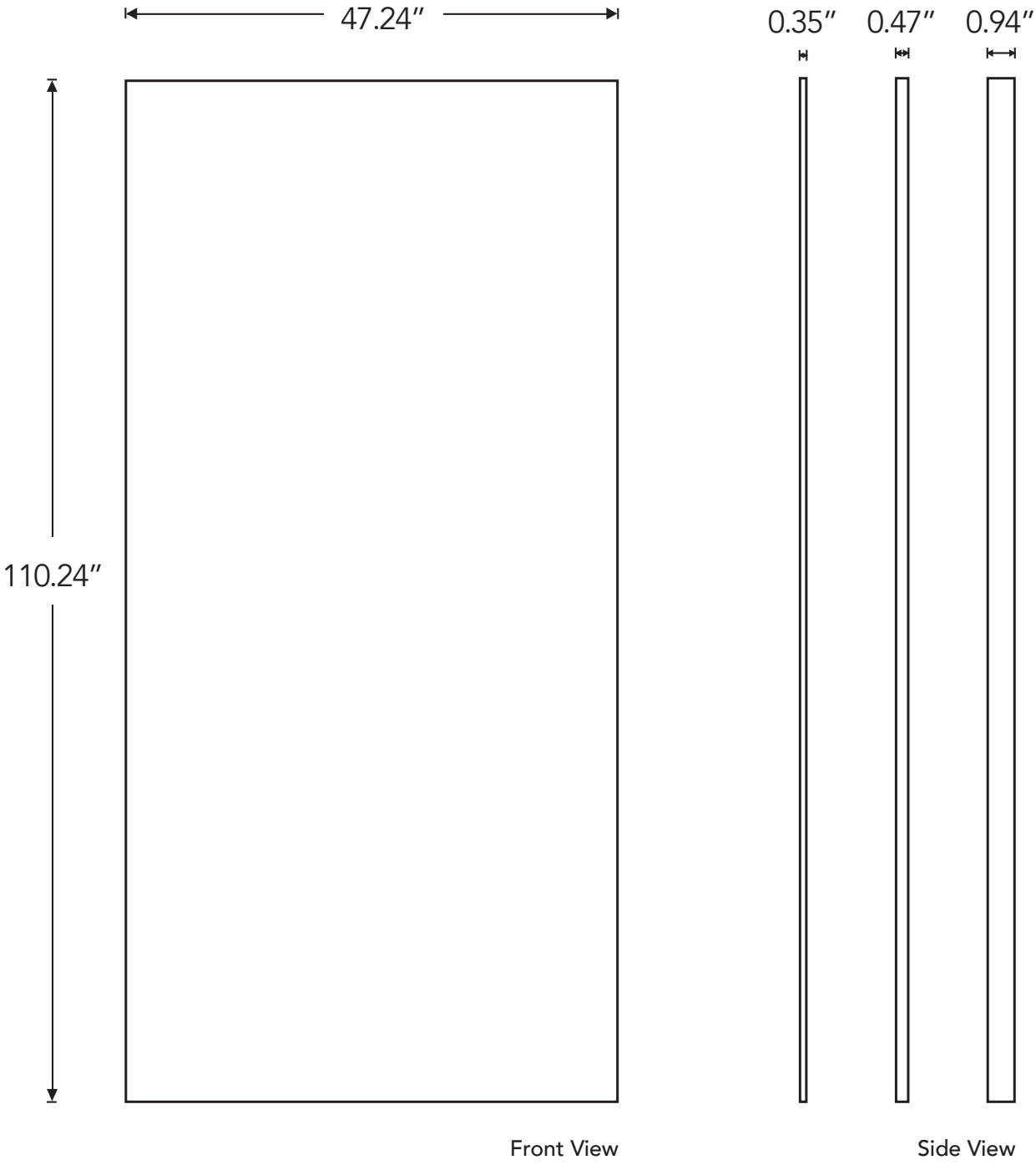
Sound Absorption 24mm PET Panel

Abs. Coeff.	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC	SAA
No Air Gap	0.06	0.20	0.67	0.98	1.06	1.01	0.75	0.72
20mm Air Gap	0.15	0.30	0.85	1.11	1.08	1.01	0.85	0.83
50mm Air Gap	0.22	0.49	0.98	1.09	1.04	1.09	0.90	0.90
Over 2" Fiberglass	0.77	1.04	1.16	1.04	1.03	1.05	1.05	1.07

Acoustic data is measured in Absorption Coefficient per square foot of material.



Product Dimensions



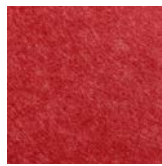
Available Colors



Cayenne 029
12mm



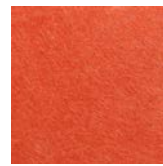
Wine 009
9mm | 12mm | 24mm



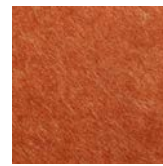
Rouge 007
12mm



Crimson 059
12mm



Mandarin 013
12mm



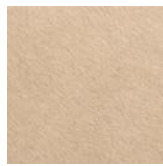
Cinnamon 006
9mm | 12mm | 24mm



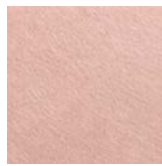
Nutmeg 047
12mm



Latte 055
12mm



Vanilla 028
12mm | 24mm



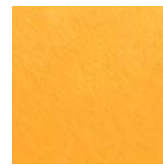
Dusk 032
12mm



Blush 030
12mm | 24mm



Ochre 004
9mm | 12mm | 24mm



Sunshine 003
12mm



Butter 002
12mm



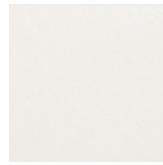
Cappuccino 062
12mm



Sepia 063
12mm



Cream 048
9mm | 12mm | 24mm



White 033
12mm | 24mm



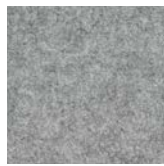
Mushroom 026
9mm | 12mm | 24mm



Frost 001
9mm | 12mm | 24mm



Grey 023
9mm | 12mm | 24mm



Millennium 061
12mm



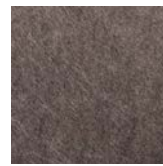
Smoke 024
12mm



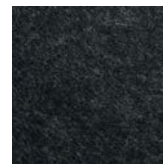
Sage 042
9mm | 12mm | 24mm



Pebble 022
9mm | 12mm | 24mm



Slate 025
9mm | 12mm | 24mm



Black 035
9mm | 12mm | 24mm



Onyx 036
12mm | 24mm



Mint 038
12mm



Duck Egg 037
9mm | 12mm



Pacific 045
12mm | 24mm



Lime Splice 020
12mm



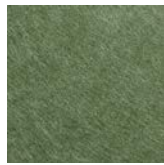
Pistachio 041
12mm



Olive 021
12mm



Jade 016
12mm



Vineyard 017
9mm | 12mm



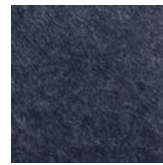
Seaweed 056
12mm



Orchid 011
12mm | 24mm



Amethyst 060
12mm



Navy 019
9mm | 12mm | 24mm



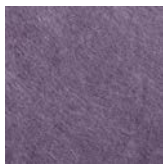
Coronet 046
12mm



Lapis 058
12mm



Ivy 015
12mm | 24mm



Lavender 012
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

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 Nutmeg



Product shown: PET Panels in Mint



Product shown: PET Panels in Duck Egg



Product shown: PET Panels in Butter

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619.236.9924 | sales@kireiusa.com

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