



kirei

TESSELLATE BAFFLES

Acoustic Baffles

Run circles around soundwaves with this innovative new cylindrical baffle composed of triangular planes. While acoustic baffles have often been an afterthought, the Tessellate Baffle turns them into a key design element and focal point with its patent pending design and creative cutting techniques. The Tessellate Baffle comes standard in 42", 50", 75", 97" lengths and is available in more than 30 colorways.

Product shown: Tessellate Baffles in Color 274 (Orchid)

Specs

Style	Standard (LxH)	Width	Weight	LF/Unit
42" Baffle	42 in. x 7.5 in.	7.09 in.	4 lbs	3.5
50" Baffle	50.34 in. x 7.5 in.	7.09 in.	4 lbs	4.2
75" Baffle	75 in. x 7.5 in.	7.09 in.	6 lbs	6.25
97" Baffle	96.5 in. x 7.5 in.	7.09 in.	8 lbs	8.04

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. Baffle lengths can be adjusted up or down in increments of 4.18". The minimum length for a custom sized baffle is 17.72". For longer length rows, baffles can be installed side by side. The lengths will vary slightly due to the complex folded nature of the product and could vary .5"-1.5".

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 baffles) 6-8 weeks (100-200 baffles) <i>For larger quantities, lead times determined per order</i>
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.

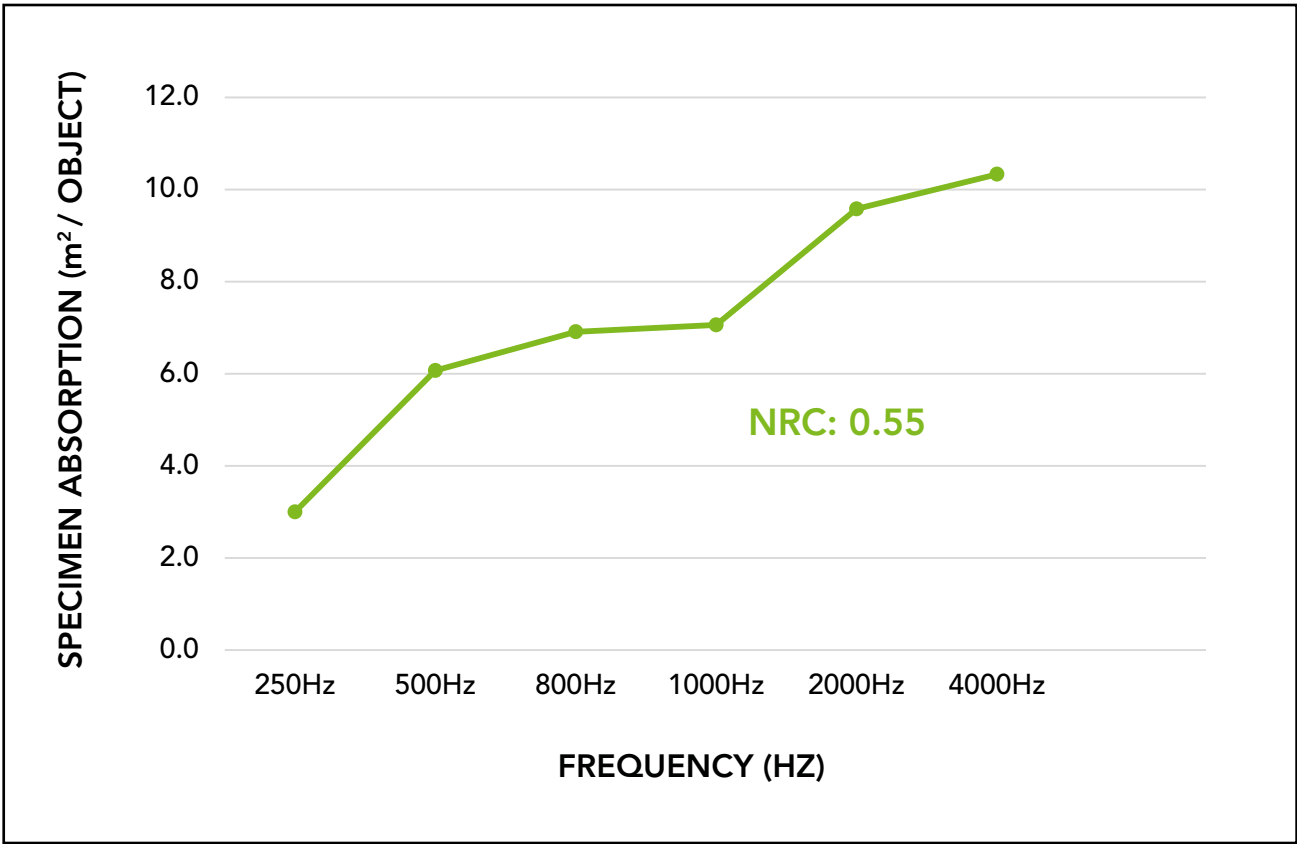


Acoustic Data

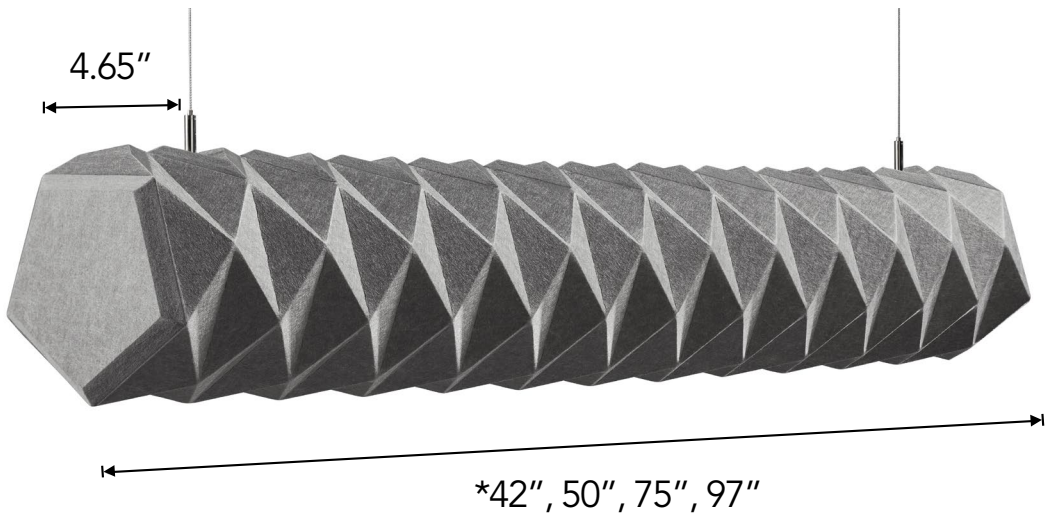
Sound Absorption

Frequency	250Hz	500Hz	800Hz	1000Hz	2000Hz	4000Hz	NRC
m ² /Object	3.00	6.07	6.91	7.06	9.58	10.33	0.55

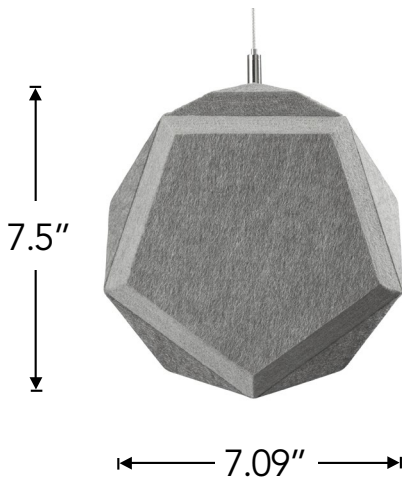
Acoustic data is measured in Sabins per Tessellate Baffle at 12" spacing.



Product Dimensions



Front View



Side View

**Note: 75" Tessellate Baffles come with 3 hanging points and 97" Tessellate Baffles come with 4 hanging points.*

Available Colors



101 Frost
12mm



106 Butter
12mm



108 Sunshine
12mm



124 Ochre
12mm



167 Cinnamon
12mm



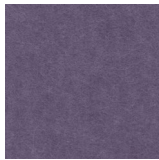
193 Rouge
12mm



269 Wine
12mm



274 Orchid
12mm



276 Lavender
12mm



295 Mandarin
12mm



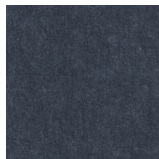
330 Ivy
12mm



338 Jade
12mm



349 Vineyard
12mm



365 Navy
12mm



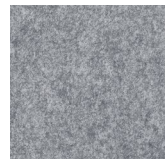
381 Lime Splice
12mm



384 Olive
12mm



402 Pebble
12mm



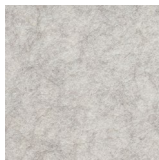
442 Grey
12mm



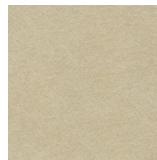
444 Smoke
12mm



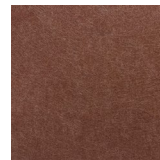
447 Slate
12mm



454 Mushroom
12mm



468 Vanilla
12mm



484 Cayenne
12mm



487 Blush
12mm



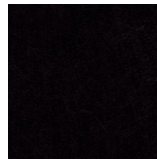
495 Dusk
12mm



500 White
12mm



542 Black
12mm



550 Onyx
12mm



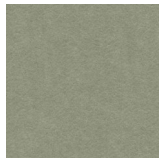
551 Duck Egg
12mm



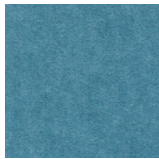
573 Mint
12mm



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.

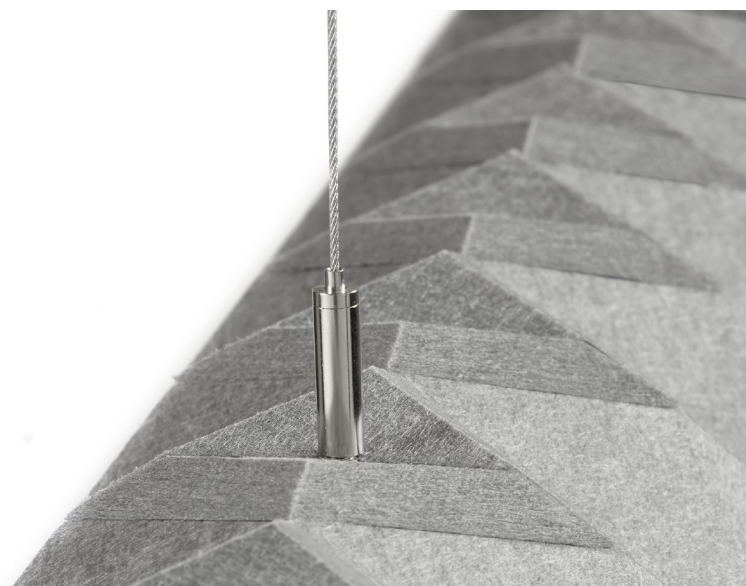
Installation

Tessellate Baffles are shipped ready to install. Each baffle has two-four attachment points (depending on style) with preset screws. To install Tessellate Baffles, attach ceiling mounting hardware and suspension cable/chain/rod/etc. with the appropriate connector - the supplied Griplock cable gripper or a different connector of your choice - at the bottom end. Once the ceiling hardware is installed, attach the connector to the supplied attachment hardware on the Tessellate Baffle and level the baffle. For instructions on how to install baffles in a variety of ways, see the [Tessellate Baffles Installation Guide](#).

Note: Kirei does not provide ceiling mounting hardware or cable/chain/rod.



Cable Gripper Hardware



Cable Gripper Hardware

Custom Printing with Kirei Ink

Tessellate Baffles can be custom printed in house with Kirei Ink. Deliver endless customization possibilities from the natural beauty of botanicals to subtle or striking stonework. Pick from more than 50 prints over Kirei Ink's four collections or print your own custom color, pattern, graphic or material. We would love to work with you. 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: Tessellate Baffles in Color 444 (Smoke) and Kirei Ink (Pine)



Product shown: Tessellate Baffles in Color 402 (Pebble)



Product shown: Tessellate Baffles in Color 274 (Orchid)

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Learn more and request your free sample:

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