

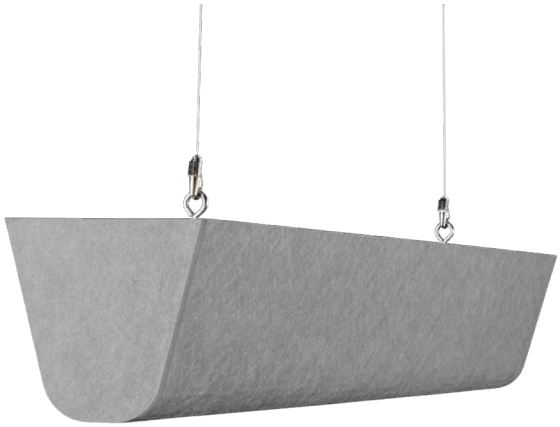
kirei AIR BAFFLE

SPEC SHEET



Air Baffle Product Collection

Made from EchoPanel® recycled PET and filled with Nike Grind fluff, the Air Baffle delivers dependable acoustic performance and iconic design to any ceiling. Air Baffles come fully enclosed or with the option of a short or long window.



No Window



Short Window



Long Window

EchoPanel® is a registered trademark of Woven Image®.

Next Level Sustainability

The outer hull of the Air Baffle is made of 12mm EchoPanel®, a recycled PET felt which contains at least 60% post-consumer content sourced from single-use plastic bottles. It's then filled with Nike Grind fluff, a mix of recycled materials created from Nike's end-of-life footwear.

kirei + NIKE GRIND

Acoustic PET
from recycled plastic bottles

Nike Grind Fluff
from recycled shoes



Specs

Style	Standard (LxH)	Width	Weight	LF/Unit
40" Baffle	40 in. x 6.7 in.	7.1 in. (top) 3.1 in (btm)	6.5 lbs	3.3
48" Baffle	48 in. x 6.7 in.	7.1 in. (top) 3.1 in (btm)	7 lbs	4
72" Baffle	72 in. x 6.7 in.	7.1 in. (top) 3.1 in (btm)	11 lbs	6
96" Baffle	96 in. x 6.7 in.	7.1 in. (top) 3.1 in (btm)	15 lbs	8

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.

Designer	Kirei
Panel Thickness	12mm EchoPanel
Material	PET felt made with at least 60% post-consumer content Nike Grind post-consumer textile fluff PETG Acrylic Window
Fire Rating	ASTM E84 Class A
Custom Options	Available upon request
Lead Time	*4-6 weeks (1-100) | 6-8 weeks (100-200)
VOC Emissions	CDPH (CA 01350) Compliant TVOC: <0.5 mg/m3 Ecospecifier GreenTag Compliant TVOC: 0.015 mg/m2/hr (ASTM D5117)


Declare.

EchoPanel
Kirei

Final Assembly: Sydney, New South Wales, Australia
Life Expectancy: 10+ Year(s)
End of Life Options: Salvageable/Reusable in its Entirety, Recyclable (100%)

Ingredients:

Dope Dyed Recycled PET Fiber: POLYETHYLENE TEREPHTHALATE (PET); BISMUTH VANADIUM TETRAOXIDE; Anthra[2,1,9-def:6,5,10-d'e'f'] diisoquinoline-1,3,8,10(2H,9H)-tetrone, 2,9-bis(3,5-dimethylphenyl)-; Carbon black; C.I. Pigment Green 7; C.I. PIGMENT BLUE 15; **Virgin Low Melt PET Fiber:** POLYETHYLENE TEREPHTHALATE (PET); Titanium dioxide

Living Building Challenge Criteria: Compliant

I-13 Red List:
■ LBC Red List Free
□ LBC Red List Approved
□ Declared

% Disclosed: 100% at 100ppm
VOC Content: Not Applicable

I-10 Interior Performance: CDPH Standard Method v1.2-2017
I-14 Responsible Sourcing: Not Applicable

KIR-0001
EXP. 01 NOV 2021
Original Issue Date: 2018

INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

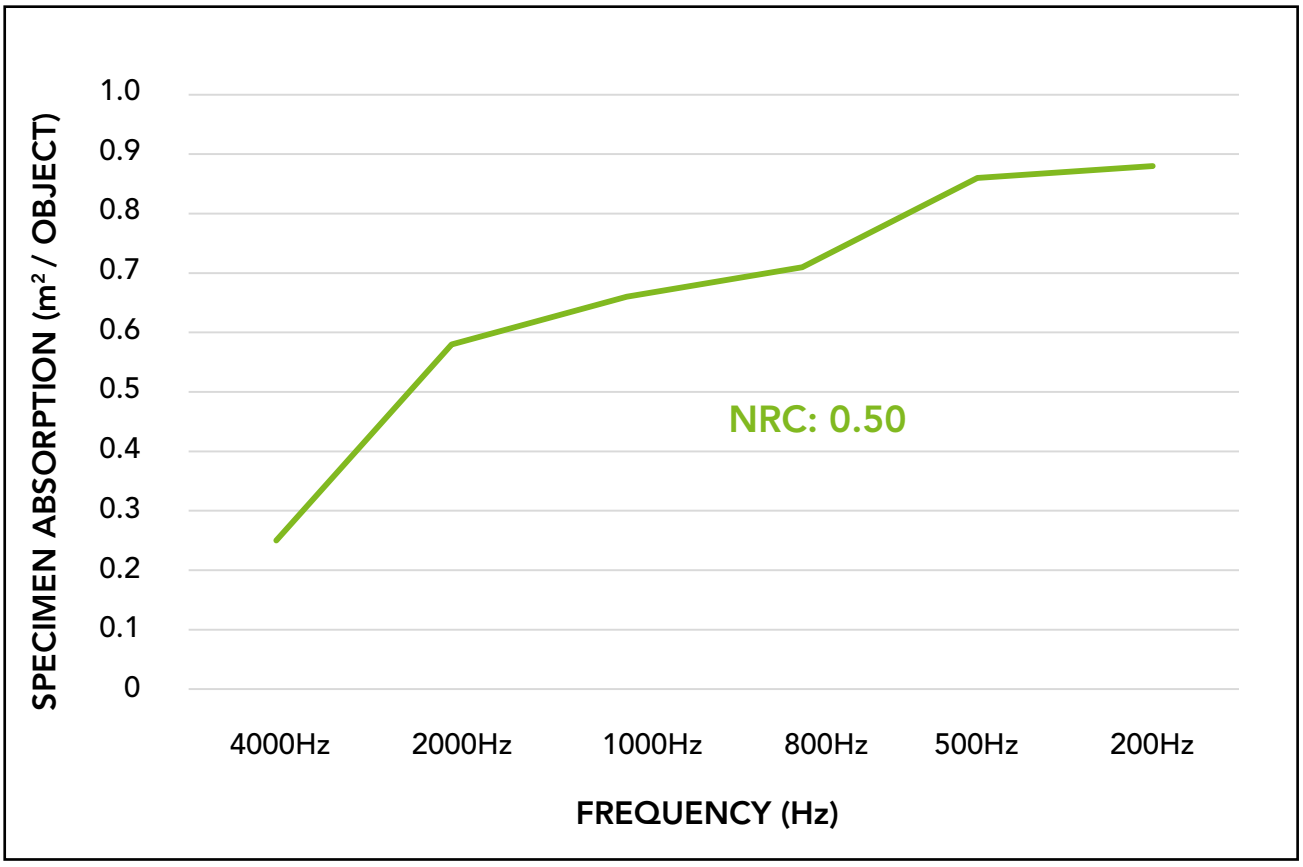
*Actual lead times are determined when the project goes into production and can change based on production schedule and all quantities, color and thicknesses being in stock at time of order. See Kirei's Product Lead Time Disclosure for more information.

Acoustic Data

Sound Absorption

Frequency	250Hz	500Hz	800Hz	1000Hz	2000Hz	4000Hz	NRC
m²/Object	0.25	0.58	0.66	0.71	0.86	0.88	0.50

Acoustic data is measured in Sabins per Air Baffle.



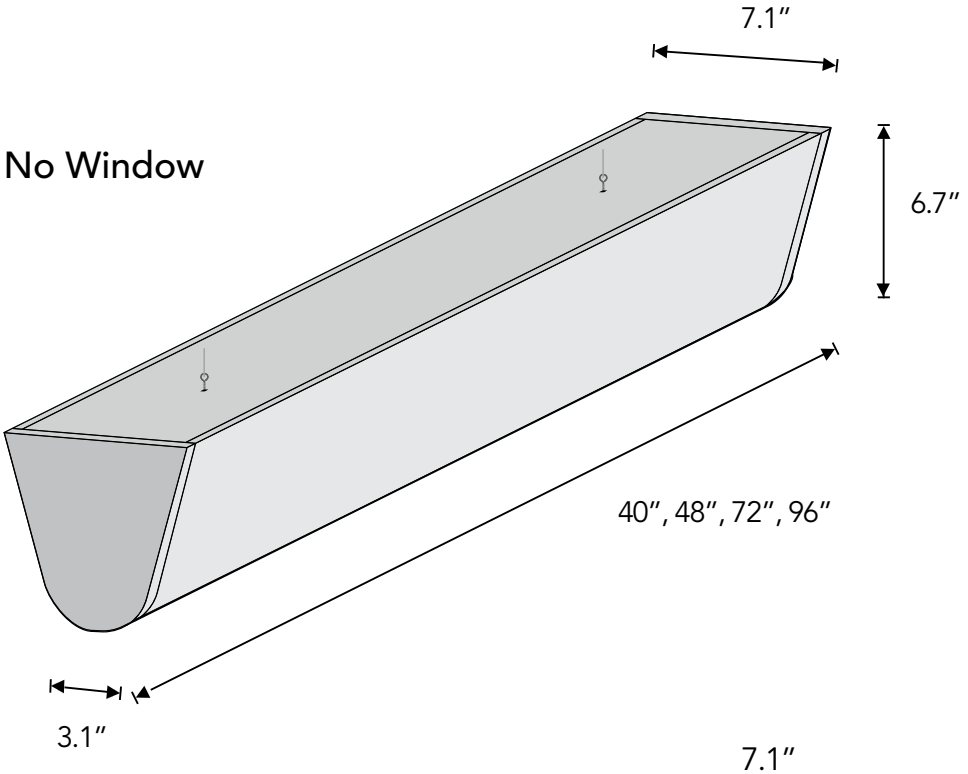
Installation

Air Baffles are shipped ready to install using suspension cables and mounting hardware – no assembly required. See the Air Baffle Installation Guide for more information.

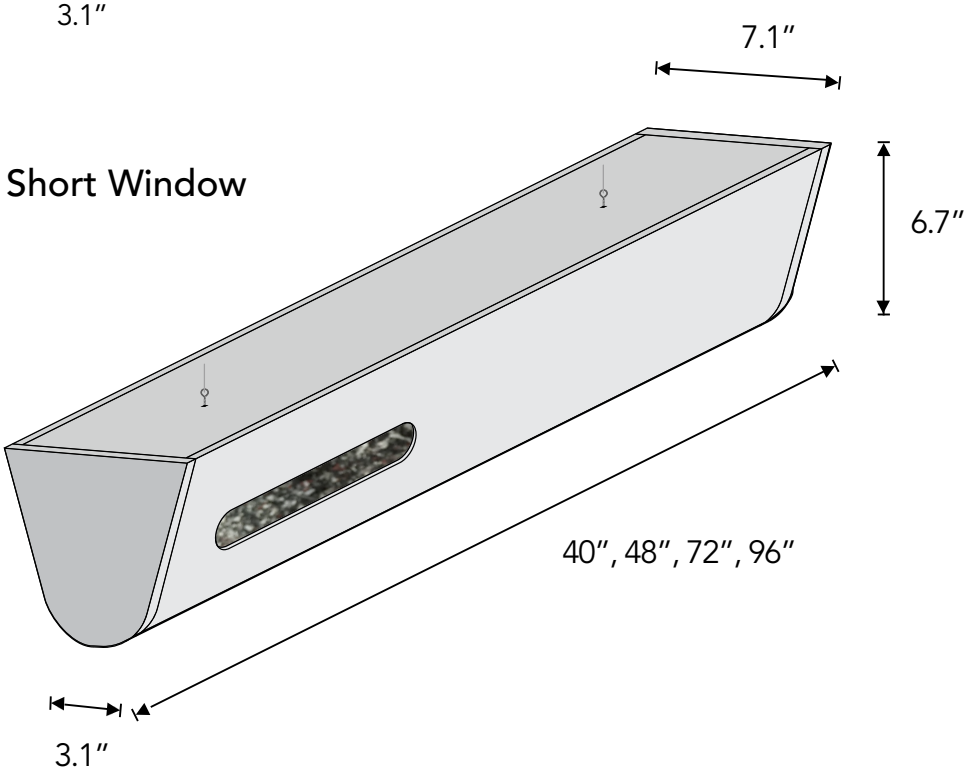
Air Baffle Product Detail

Air Baffles are available in 40”, 48”, 72”, or 96” lengths and any of EchoPanel’s 33 subtle to striking colors. Additional customization options including baffle length and window length are available.

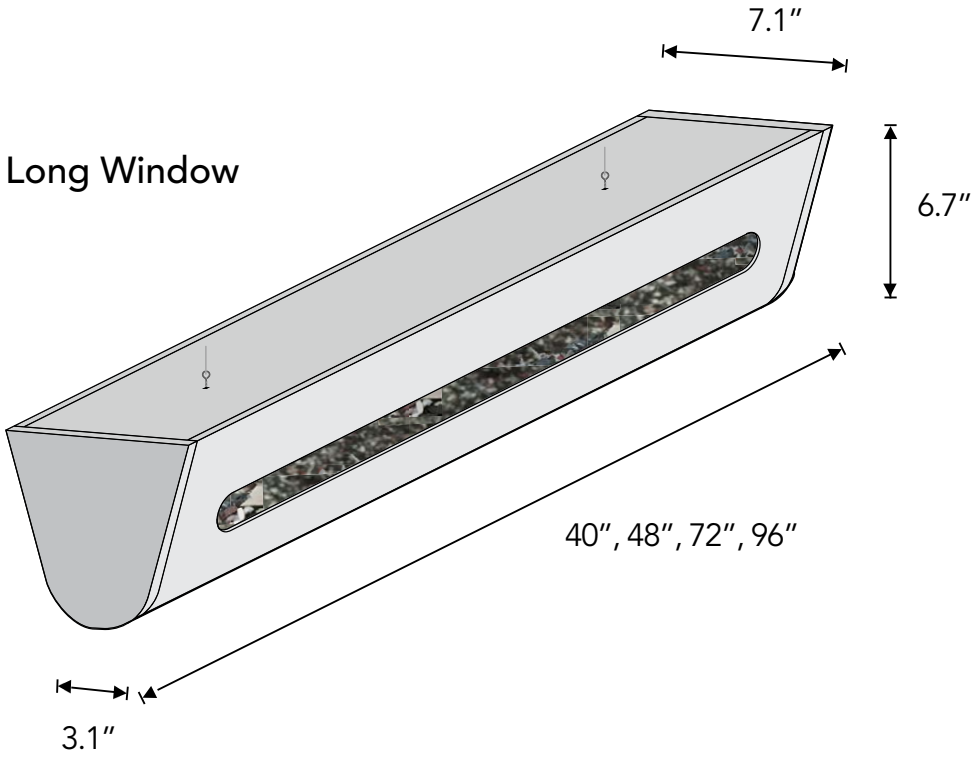
No Window



Short Window

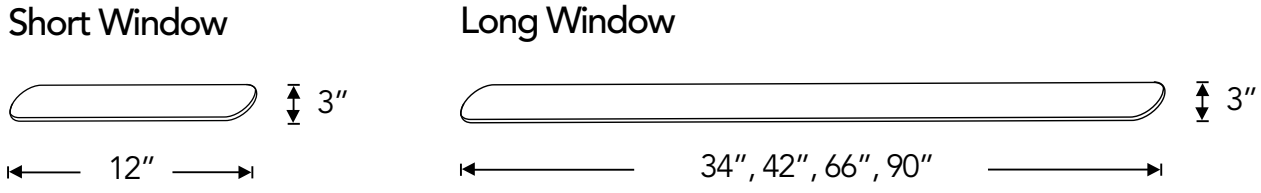


Air Baffle Product Detail



Air Baffle Windows

Air Baffle windows are 3mm thick in a matte finish, made with Class A fire rated PETG (specially formulated co-polyester resin). The plastic has excellent chemical resistance and is GREENGUARD indoor air quality certified. It also contains 40% pre-consumer recycled content, 100% recyclable, and qualifies for LEED MR Credit 4 and IEQ Credit 8/1 & 8.2 (daylight and views).



Available Colors


101 Frost


108 Yellow


124 Ochre


167 Cinnamon


193 Rouge


269 Wine


274 Orchid


276 Lavender


295 Dark Orange


325 Viridian Green


330 | Ivy


338 Jade


349 Vineyard


365 Navy


381 Lime Splice


384 Seaweed


402 Taupe


442 Speckled Gray


444 Gray


447 Slate

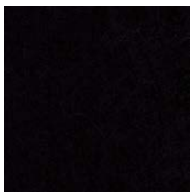

454 Mushroom


468 Vanilla


487 Blush

500 White


542 Charcoal


550 Onyx


551 Teal


576 Magenta


579 Olive Green


580 Sage


633 Pacific


660 Coronet


908 Ivory



Product shown: Air Baffles with Long and Short Acrylic Windows in Colors 295 (Dark Orange) & 444 (Gray)



Product shown: Air Baffles with Long and Short Acrylic Windows in Color 444 (Gray)



Product shown: Air Baffles with Long Acrylic Windows in Color 295 (Dark Orange)



Product shown: Air Baffles with Short Acrylic Windows in Color 444 (Gray)



Product shown: Air Baffles with Long Acrylic Windows in Color 500 (White)



kirei AIR BAFFLE

Learn more and request your free sample:

kireiusa.com/airbaffle

619.236.9924 | sales@kireiusa.com