



# kirei

## POLYGON CLOUDS

### Acoustic Ceiling Solution

Don't let clients get boxed into bad acoustics. Maximize the impact of your acoustic choices with Polygon Clouds. This iconic cloud design offers 180 degree difference in acoustic control and style. Beautiful from every angle, Polygon Clouds come in Convex and Concave styles and can be installed individually or in clusters for dynamic shapes and patterns. With joiners made of the same recycled PET as the product, these clouds look just as visually stunning from above as below.

Product shown: Concave Clouds in Color 274 (Orchid)

# Specs

Style	Standard Width	Height	Weight	SF/Unit
Concave Cloud	33.25 in. x 29.13 in.	9.9 in	5 lbs	5.1
Convex Cloud	33.25 in. x 29.13 in.	9.9 in	5 lbs	5.1

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
-----------------	------

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

VOC Emissions	CDPH (CA 01350) Compliant TVOC: <0.5 mg/m <sup>3</sup> Ecospecifier GreenTag Compliant TVOC: 0.015 mg/m <sup>2</sup> /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.

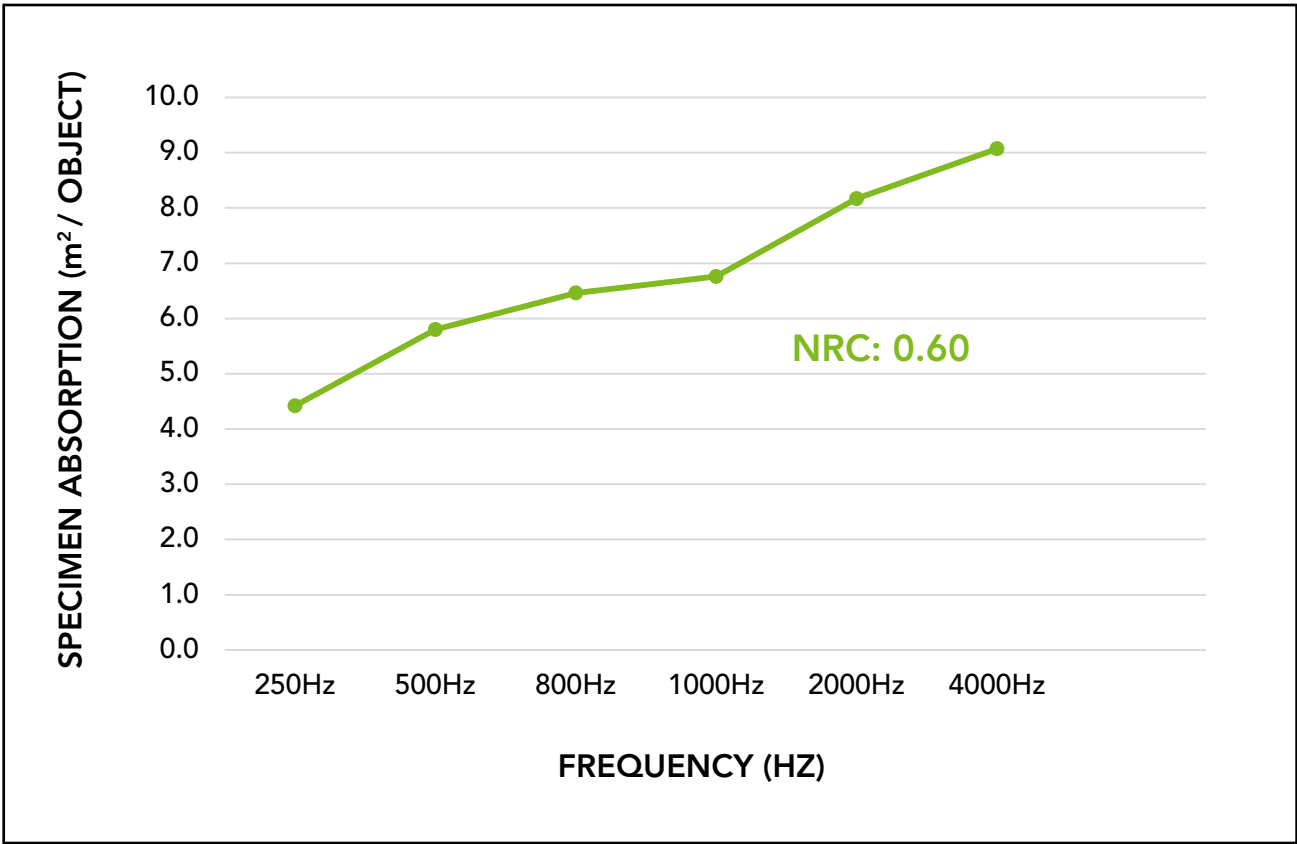


# Acoustic Data

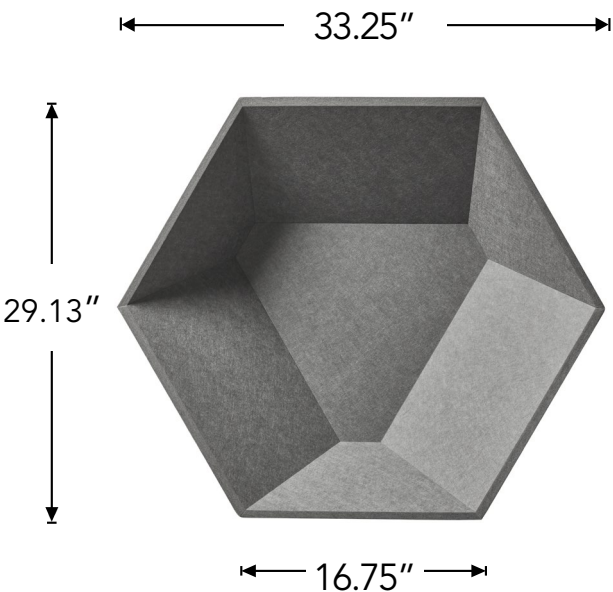
## Sound Absorption

Frequency	250Hz	500Hz	800Hz	1000Hz	2000Hz	4000Hz	NRC
m <sup>2</sup> /Object	4.42	5.80	6.46	6.76	8.17	9.07	0.60

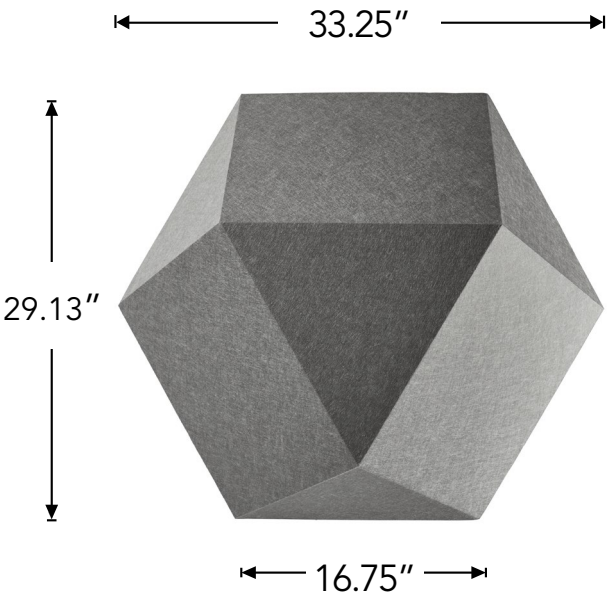
Acoustic data is measured in Sabins per Polygon Cloud.



# Product Dimensions



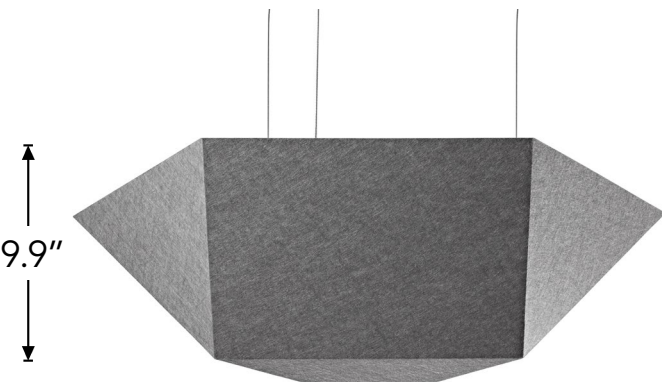
Concave Cloud



Convex Cloud



Concave Cloud Side View



Convex Cloud Side View



# Available Colors



**101 Frost**  
12mm



**106 Butter**  
12mm



**108 Sunshine**  
12mm



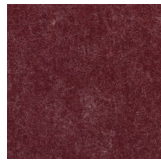
**124 Ochre**  
12mm



**167 Cinnamon**  
12mm



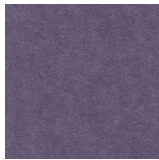
**193 Rouge**  
12mm



**269 Wine**  
12mm



**274 Orchid**  
12mm



**276 Lavender**  
12mm



**295 Mandarin**  
12mm



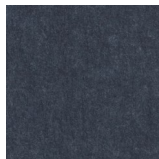
**330 Ivy**  
12mm



**338 Jade**  
12mm



**349 Vineyard**  
12mm



**365 Navy**  
12mm



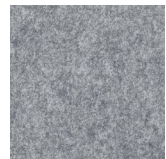
**381 Lime Splice**  
12mm



**384 Olive**  
12mm



**402 Pebble**  
12mm



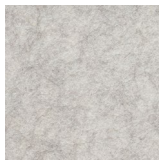
**442 Grey**  
12mm



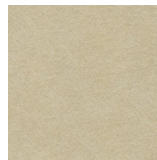
**444 Smoke**  
12mm



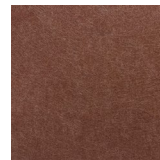
**447 Slate**  
12mm



**454 Mushroom**  
12mm



**468 Vanilla**  
12mm



**484 Cayenne**  
12mm



**487 Blush**  
12mm



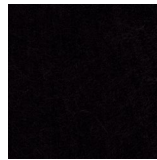
**495 Dusk**  
12mm



**500 White**  
12mm



**542 Black**  
12mm



**550 Onyx**  
12mm



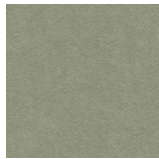
**551 Duck Egg**  
12mm



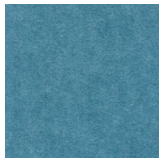
**573 Mint**  
12mm



**579 Pistachio**  
12mm



**580 Sage**  
12mm



**633 Pacific**  
12mm



**660 Coronet**  
12mm



**721 Nutmeg**  
12mm

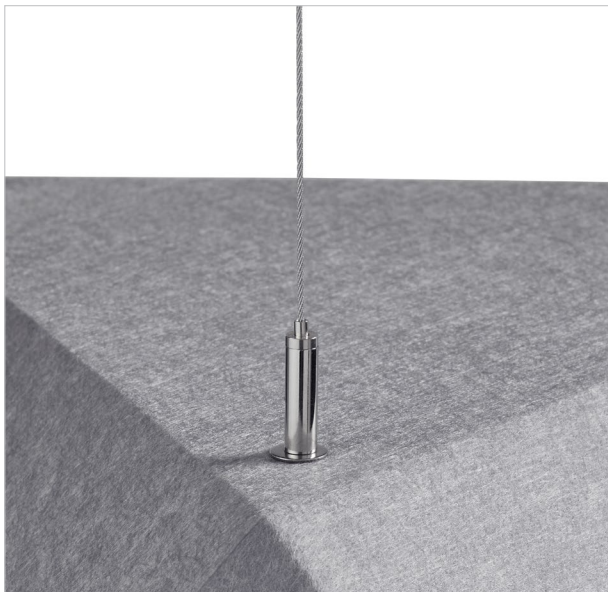


**908 Cream**  
12mm

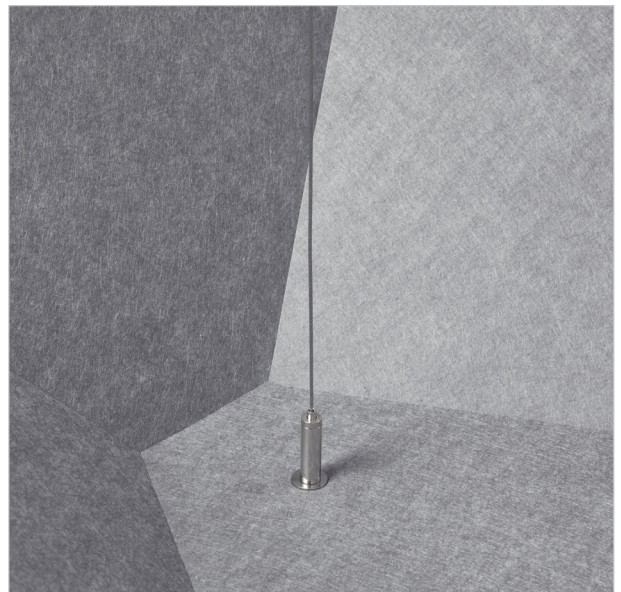
*Color variation between dye lots is a natural characteristic of recycled PET felt due to the manufacturing process. Slight differences between samples and finished product may occur.*

# Installation

Polygon Clouds are shipped ready to install and may be hung individually or in clusters using joiners. Each cloud comes with three pre-drilled attachment points and hardware. Polygon Clouds may be hung from a variety of ceiling types using the appropriate suspension cable and mounting hardware. To install clusters, 3 different PET joiner types - with provided screws - are offered for both Concave and Convex styles for seamless or mixed style installations (sold separately). For more information, see the [Polygon Clouds Installation Guide](#).



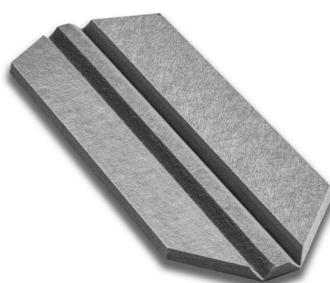
Concave Cloud Hardware



Convex Cloud Hardware



Convex to Convex  
PET Joiner



Concave to Concave  
PET Joiner



Concave to Convex  
PET Joiner

# Custom Printing with Kirei Ink

Polygon Clouds 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!

Please note: Kirei requires written permission from the copyright holder in order to reproduce any copyrighted work. Professional photographs cannot be reproduced without written permission from the photographer. Keep in mind printing is not on the edges of the fully assembled product.



Product shown: Convex Clouds in Kirei Ink (Pine) & Color 338 (Jade)





Product shown: Concave Clouds in Color 269 (Wine) & 274 (Orchid)





Product shown: Concave Clouds in Color 402 (Pebble)



Product shown: Convex Clouds in Color 402 (Pebble)





Product shown: Concave & Convex Clouds in Color 269 (Wine)

# kirei

Learn more and request your free sample:

619.236.9924 | [sales@kireiusa.com](mailto:sales@kireiusa.com)

[kireiusa.com](http://kireiusa.com)