acoufelt

Interlace, Tetra

Ceiling Clouds

Premier Collection

Interlace, Tetra ceiling clouds deliver a targeted defense against sound seeping into areas designated for quiet work, meetings, and collaboration. Interlocking baffles absorb sound on multiple surfaces and can be suspended in tight clusters or spaced apart for an airier aesthetic and expanded coverage area.

Specifications

Surface	Ceiling
Material	FilaSorb™ polyester felt
Thickness	1/2", 12mm (±10%)
Weight	0.49 lb./ft^2 (±10%)
Standard Heights	Width: 46.35, 65.5, 89" W Length: 48, 72, 96" L Height A: 4"H Height B: 12, 14, 16" H

Interlace, Tetra Ceiling Clouds in Ivory

Technical

NRC Rating	0.85, 200mm air gap 0.80, 400mm air gap
Fire Test	ASTM E84, Class A Flame spread index: 15 Smoke developed index: 200
Water Sorption	ASTM C1104-2019 (A Modified) Water sorbed by weight: 0.20% (based on a 12mm thick panel)
Colorfastness	ISO 105-B02, 6-7

Details

Lead Time	3 – 6 weeks
Origin	Manufactured and assembled in the US
Warranty	Product: 20 years* Colorfastness: 20 years*

** Conditions apply*

Environmental

Recycled Content	Minimum 60%
Energy	Generated using 40% solar energy
Indoor Air Quality	VOC less than/equal to 0.5mg/m3
Recyclable	100%*
Certifications	Health Product Declaration (HPD)** Environmental Product Declaration Declare Certification - LBC Red List Free (third-party verified) SCS Global Indoor Advantage Gold

** PET is recyclable through participating partners.*

*** HPD only applies to 12mm thickness.*

® The Health Product Declaration® logo is a registered trademark of HPD Collaborative.

Colorways

PREMIER

White
WH12


Almond
AL55


Celery
CE65

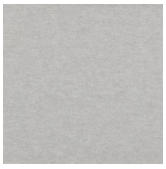

Sencha
SE58

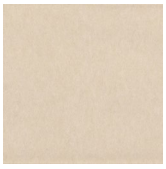

Metal
ME03


Flamingo
FL61


Quartz
QU67


Turmeric
TU60


Platinum
PL04


Pearl
PE21


Pistachio
PI25

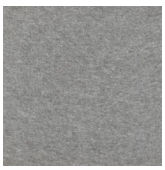

Thistle
TH28


Stonewash
ST72


Amethyst
AM69

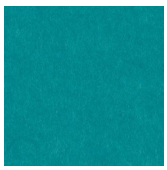

Valentine
VA70

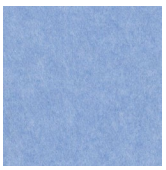

Wheat
WH68


Grey
GR02


Ivory
IV11

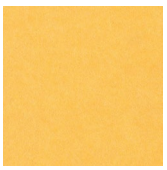

Eucalyptus
EU71

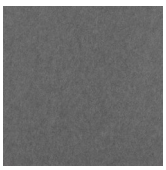

Peacock
PE20


Periwinkle
PE23


Lilac
LI13


Peach
PE19

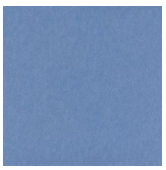

Popcorn
PO26


Slate
SL27


Milkyway
MI74


Wasabi
WA29


Sea Salt
SE57


Marine
MA15


Berry
BE06

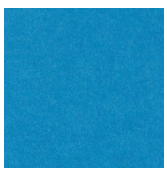

Peppercorn
PE22

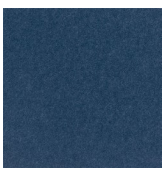

Carrot
CA08


Charcoal
CH01

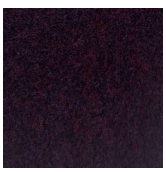

Umber
UM54


Oregano
OR18


Azure
AZ05


Granite
GR62


Iris
IR10


Shiraz
SH63

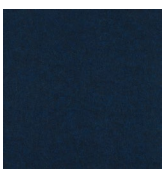

Currant
CU59

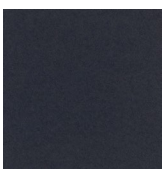

Piano Black
PI24


Walnut
WA56


Kale
KA12


Denim
DE09


Midnight
MI16


Flint
FL64

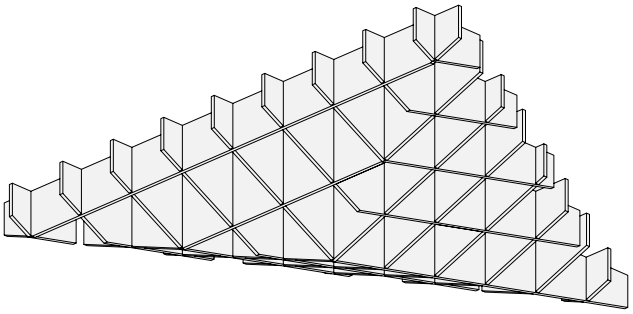
Order samples at **acoufelt.com/colorways**

Sizes

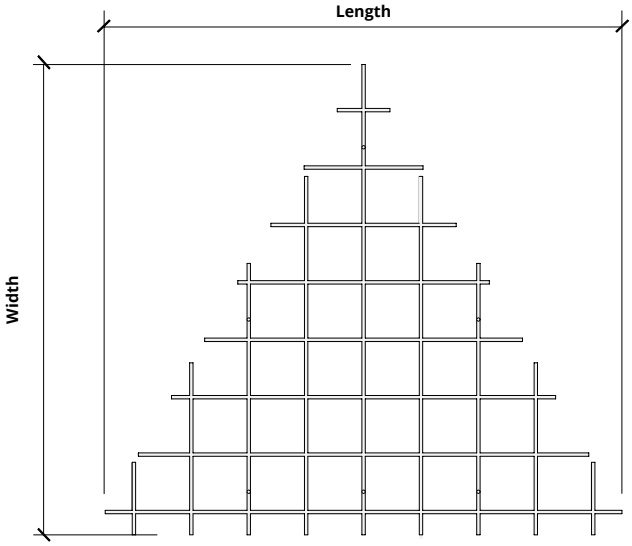
Standard Heights	Width: 46.35, 65.5, 89" W Length: 48, 72, 96" L Height A: 4" H Height B: 12, 14, 16" H
Thickness	1/2", 12mm (±10%)

Height A	Height B
4"	12"
4"	14"
4"	16"

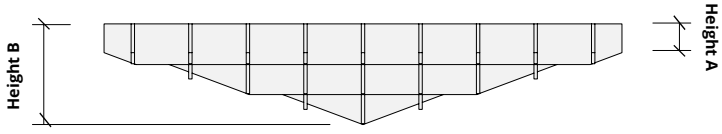
Perspective



Plan



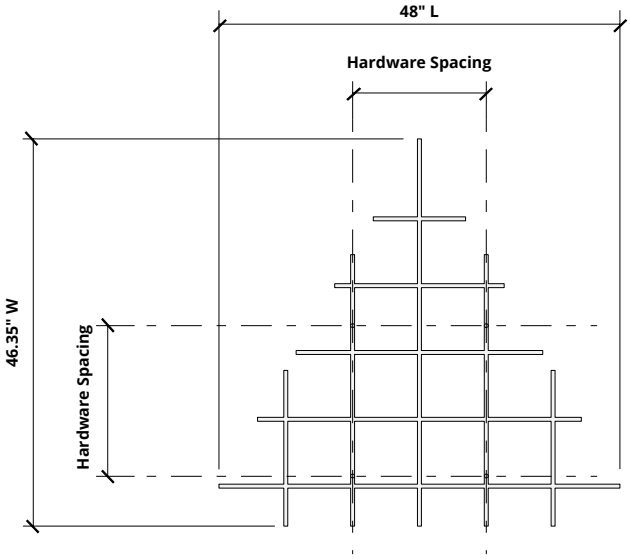
Elevation

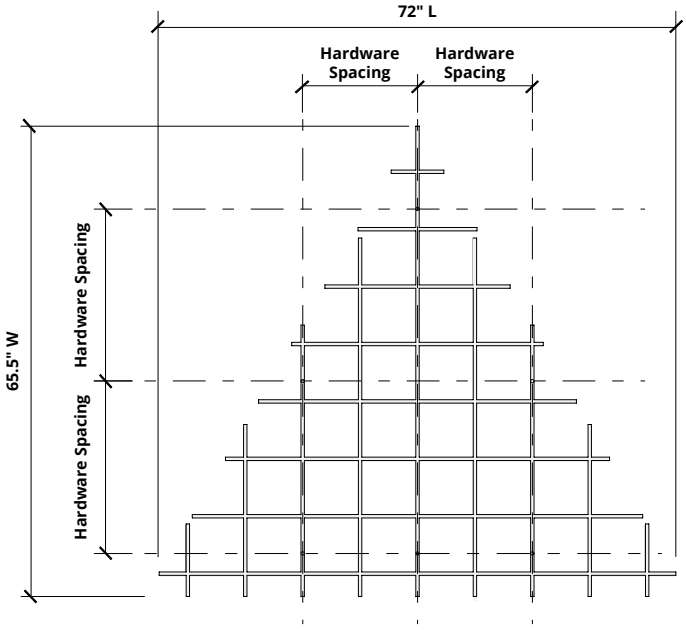


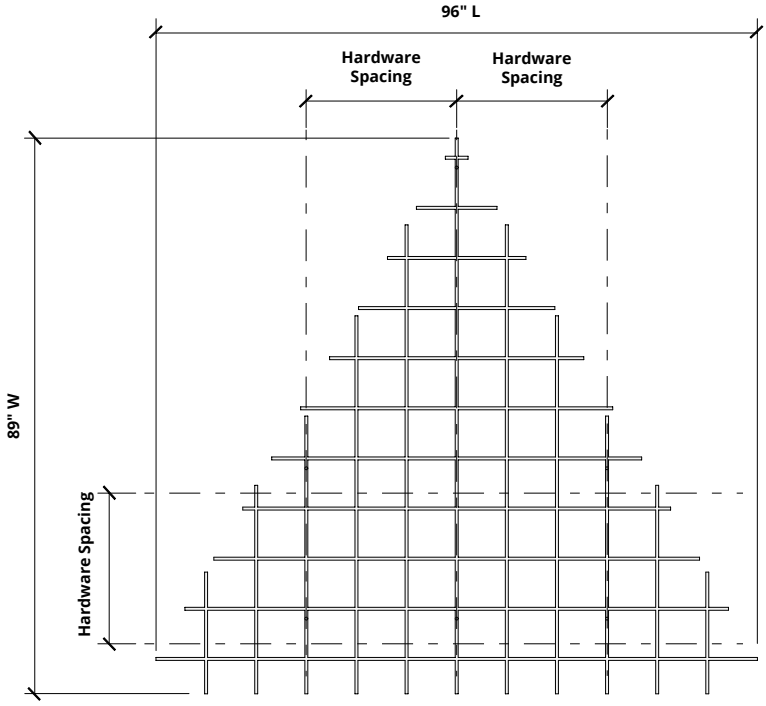
12mm thickness

Hardware Spacing

46.35" W	18" spacing
65.5" W	(2) at 21" spacing
89" W	(2) at 42" spacing
48" L	16" spacing
72" L	(2) at 16" spacing
96" L	(2) at 24" spacing



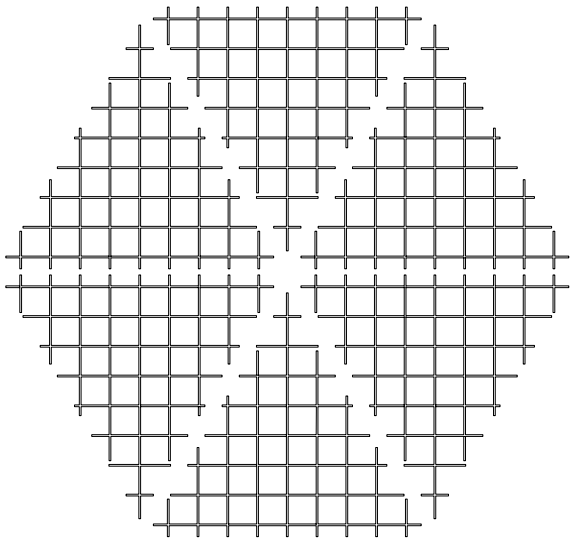




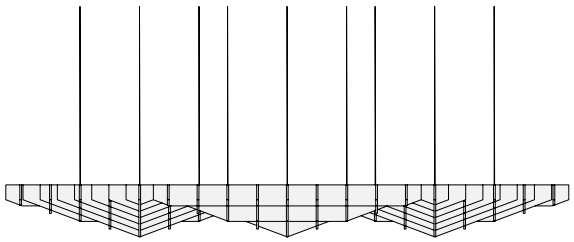
Layout Examples

Layout 1

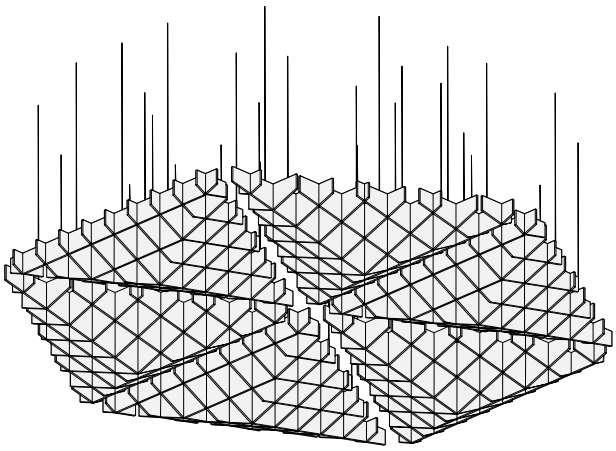
Plan



Elevation

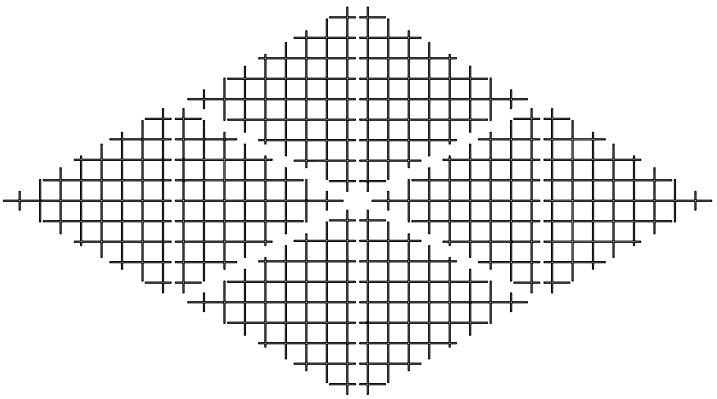


Perspective

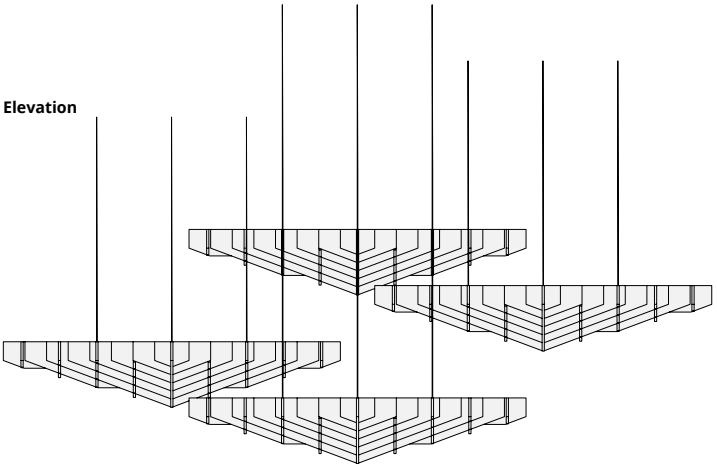


Layout 2

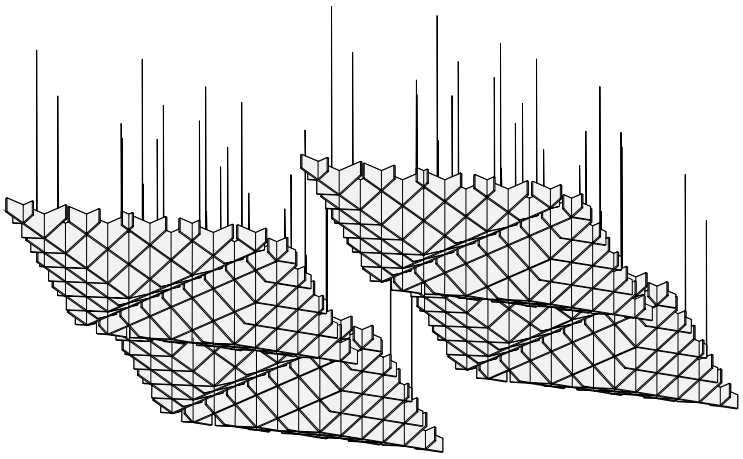
Plan



Elevation

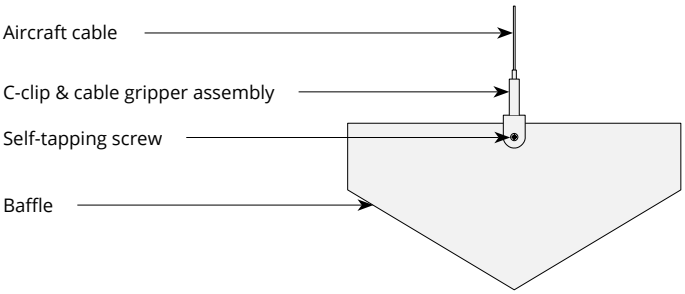


Perspective

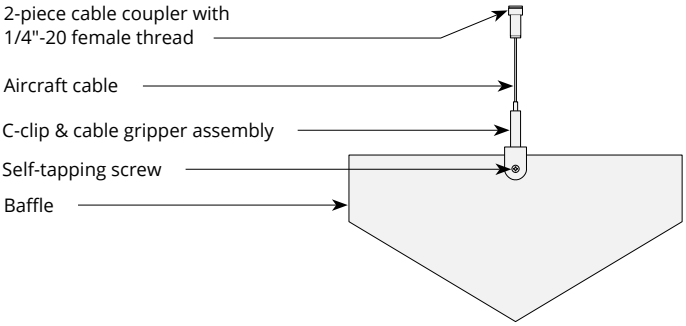


Mounting Methods

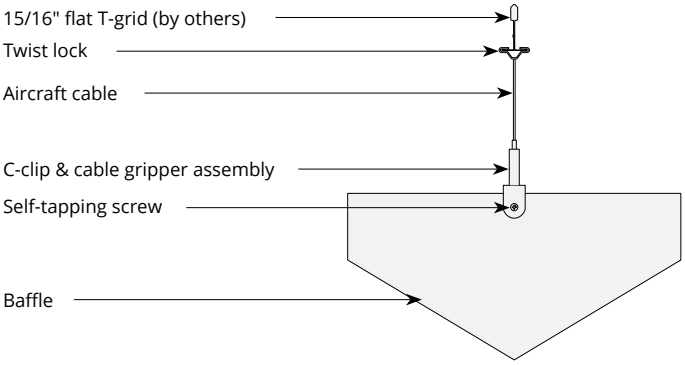
Cable



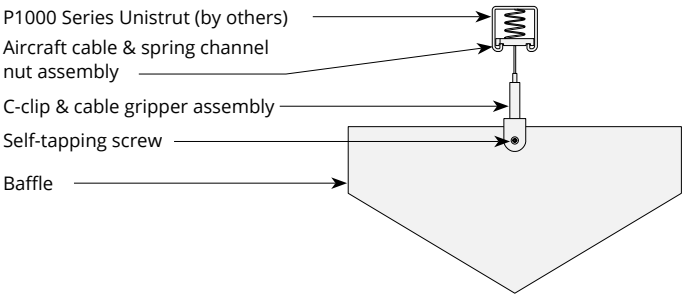
Cable to deck



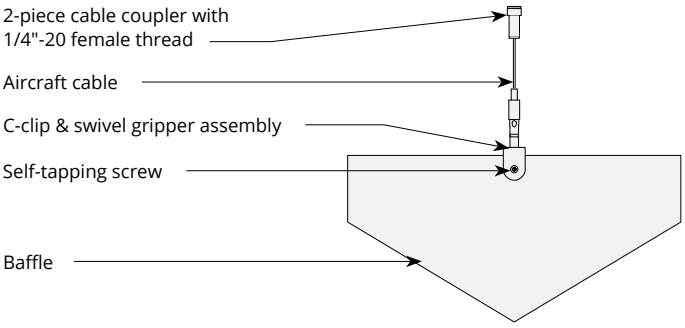
Cable to T-grid



Cable to Unistrut

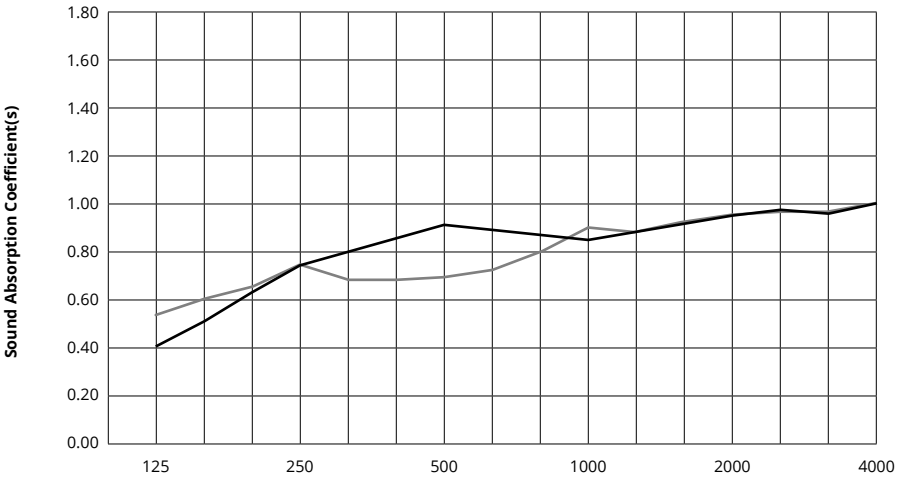


Swivel cable to deck



Acoustic Performance

Test Method	ISO 11654-2002
Install Method	E200, E400
Rating Method	ASTM C423-09a
Test Results	NRC 0.85, 200mm air gap SAA 0.86, 200mm air gap NRC 0.80, 400mm air gap SAA 0.83, 400mm air gap



	Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
	12mm, 200mm air gap	0.40	0.75	0.90	0.85	0.95	1.00	0.85
	12mm, 400mm air gap	0.55	0.75	0.70	0.90	0.95	1.00	0.80

What is a Noise Reduction Coefficient (NRC)?

You'll find the NRC rating in the specifications of all of our products. This acronym stands for Noise Reduction Coefficient, and is expressed as a single number, a rating that describes the degree to which acoustic products can absorb sound.

You can use NRC values to understand the overall performance of our acoustic wall and ceiling products. The higher the NRC, the better the product is at soaking up the sound.

Performance Indices: Noise Reduction Coefficient (NRC) results represent the absorption coefficients measured at the one third octave bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customization of installation of the product could alter the results. Sound Absorption Average (SAA) indicates the absorption coefficient average for the twelve one-third octave bands ranging between 200 and 2500 Hz.