acoufelt

Step
Ceiling Baffles

Premier Collection

A stair-step approach to providing movement, Step acoustic ceiling baffles provide plenty of areas to capture unwanted sound. The series of six baffles installed in various sequences provide interesting textural effects.

Specifications

Surface	Ceiling
Material	Filasorb™ polyester felt
Thickness	1/2", 12mm (±10%) 1", 24mm (±10%)
Weight	0.49 lb./ft^2 (±10%) 0.98 lb./ft^2 (±10%)
Standard Sizes	*Height ranges from end-to-end (2:1)* Height A: 4" up to 24" (2" increments) Height B: 2" up to 12" (1" increments) Lengths: Range from 12" up to 110" *See page 4 for more details. Custom sizes available*

Step Ceiling Baffle in Ivory

Technical

NRC Rating	**12mm** 1.30 **24mm** 1.15
Fire Test	ASTM E84, Class A Flame spread index: 15 Smoke developed index: 200
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	Environmental Product Declaration Declare Certification - LBC Red List Free (third-party verified) SCS Global Indoor Advantage Gold

** PET is recyclable through participating partners.*

Colorways

PREMIER

White
WH12


Almond
AL55


Pistachio
PI25


Celery
CE65


Metal
ME03


Flamingo
FL61


Quartz
QU67


Turmeric
TU60

Platinum
PL04

Pearl
PE21


Eucalyptus
EU71


Sencha
SE58


Periwinkle
PE23


Amethyst
AM69


Valentine
VA70


Wheat
WH68


Grey
GR02


Ivory
IV11


Wasabi
WA29


Sea Salt
SE57


Marine
MA15


Lilac
LI13


Peach
PE19


Popcorn
PO26


Slate
SL27


Umber
UM54


Thistle
TH28


Peacock
PE20


Iris
IR10


Berry
BE06


Peppercorn
PE22


Carrot
CA08


Charcoal
CH01

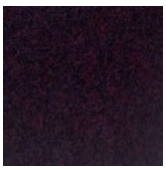

Walnut
WA56


Oregano
OR18


Azure
AZ05


Granite
GR62


Flint
FL64


Shiraz
SH63


Currant
CU59

Piano Black
PI24

Midnight
MI16

Kale
KA12

Denim
DE09

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

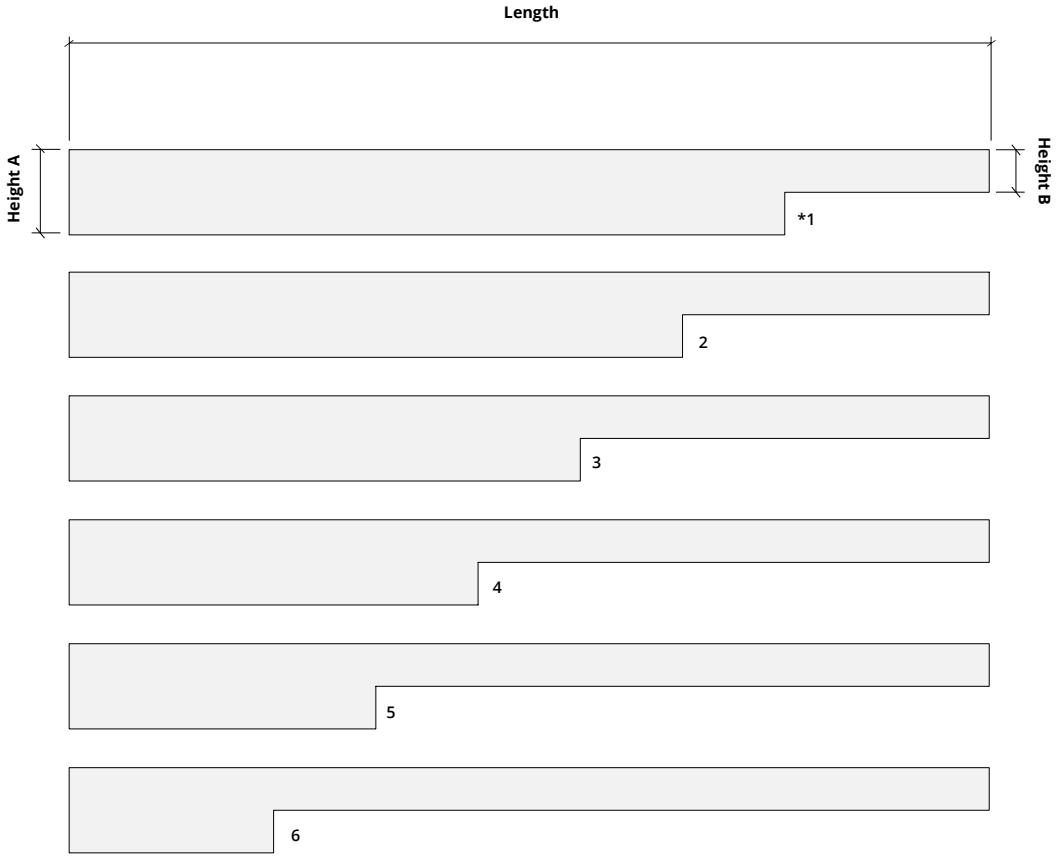
Sizes

Standard Heights *Height ranges from end-to-end (2:1)*
Height A: 4" up to 24" (2" increments)
Height B: 2" up to 12" (1" increments)
Custom sizes available

Thickness 1/2", 12mm (±10%)
1", 24mm (±10%)

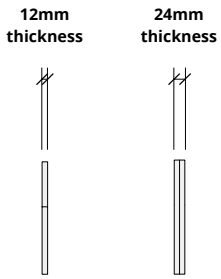
Standard Lengths 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 110" L
Custom sizes available

Height A	Height B
4"	2"
6"	3"
8"	4"
10"	5"
12"	6"
14"	7"
16"	8"
18"	9"
20"	10"
22"	11"
24"	12"



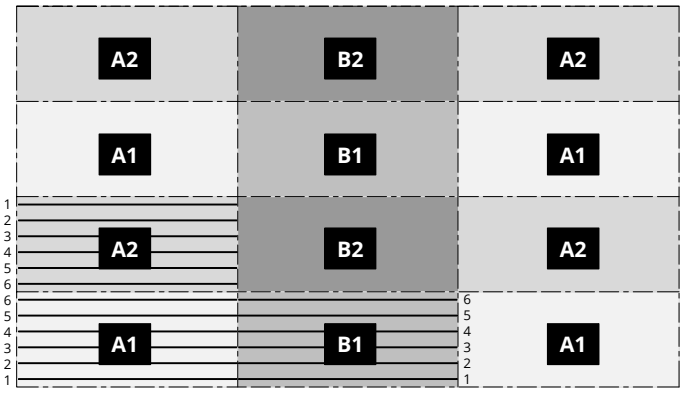
Height range from Point A to Point B is 2:1

**Refer to page 6 for baffle plan and sequences.*



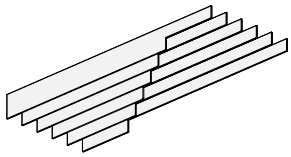
Recommended Layouts

Typical layout

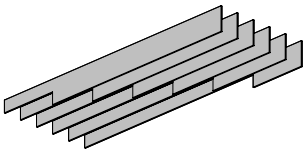


Module layouts

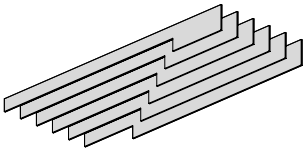
A1



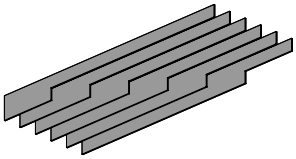
B1
Reflected direction of A1



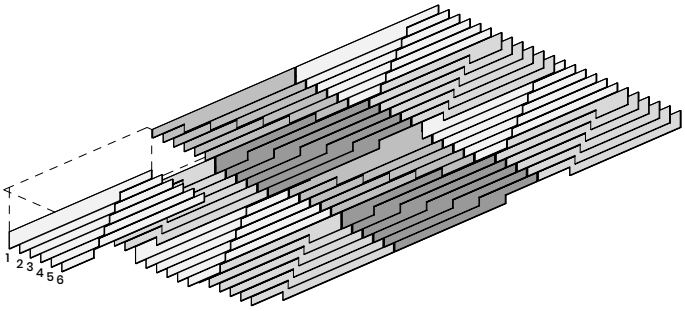
A2
Reverse order of A1



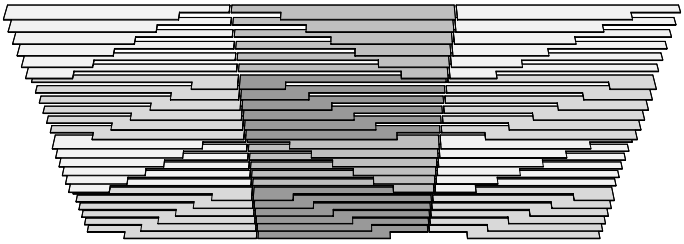
B2
Reverse order of B1



Perspective



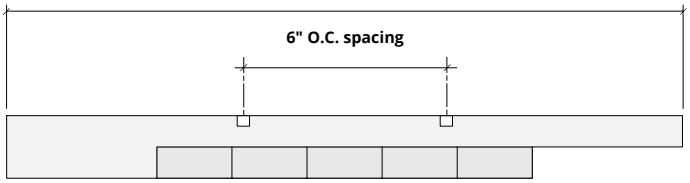
Front perspective



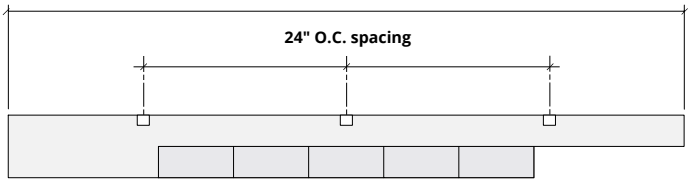
Hardware Spacing

12, 18" L	6" on center spacing
24, 30" L	12" on center spacing
36, 42, 48, 54" L	24" on center spacing
60, 66, 72, 78, 84, 90" L	24" on center spacing
96, 102, 108, 110" L	30" on center spacing

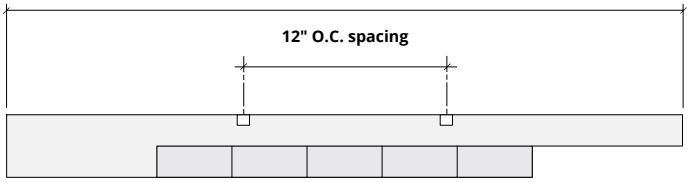
12, 18" L



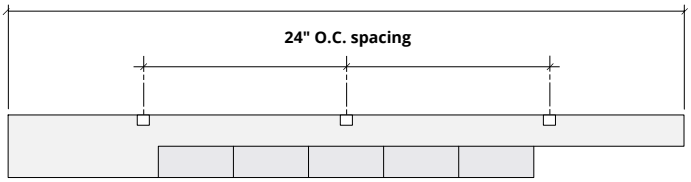
60, 66, 72, 78, 84, 90" L



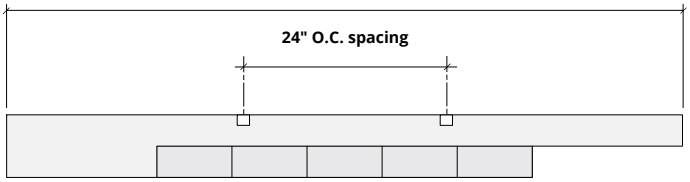
24, 30" L



96, 102, 108, 110" L



36, 42, 48, 54" L



How to Specify

1. Choose Module Size | **2. Choose Module Quantity** | **3. Choose Mounting Method**

Determine preferred material thickness, length and height.

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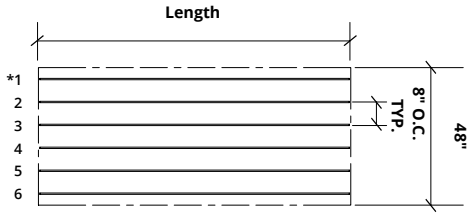
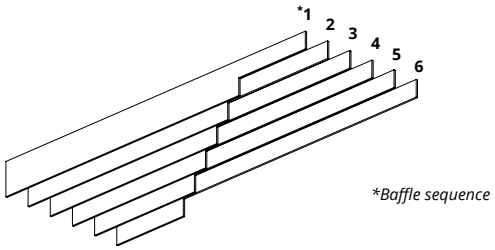
1. Choose Module Size | **2. Choose Module Quantity** | **3. Choose Mounting Method**

Each module includes 6 baffles installed 8" on center.

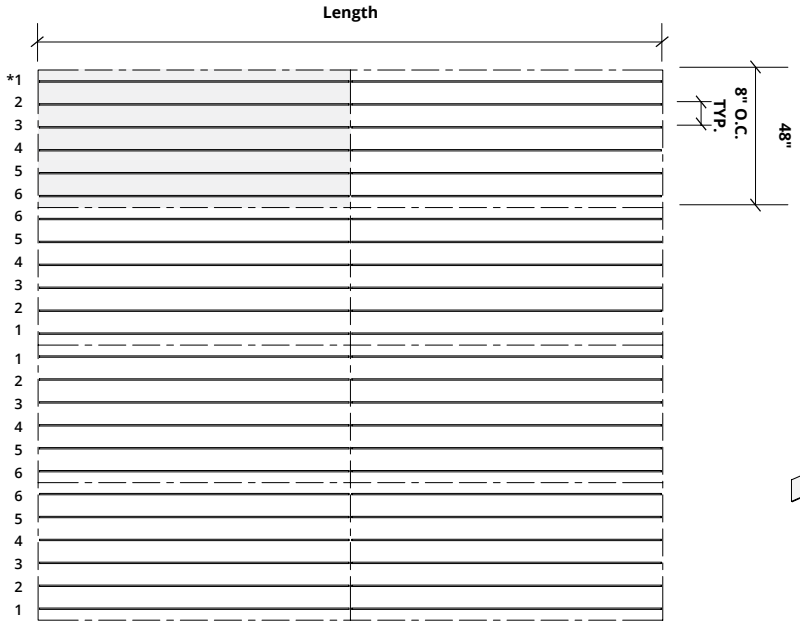
Single module

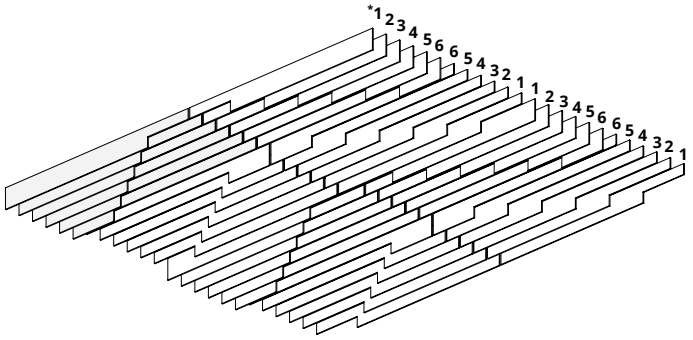




**Baffle sequence*

Multiple modules





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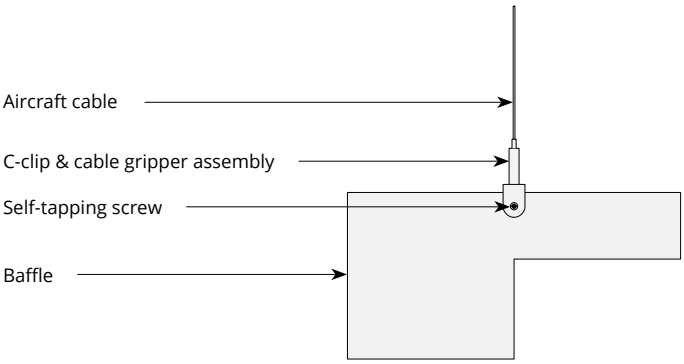
1. Choose Module Size | **2. Choose Module Quantity** | **3. Choose Mounting Method**

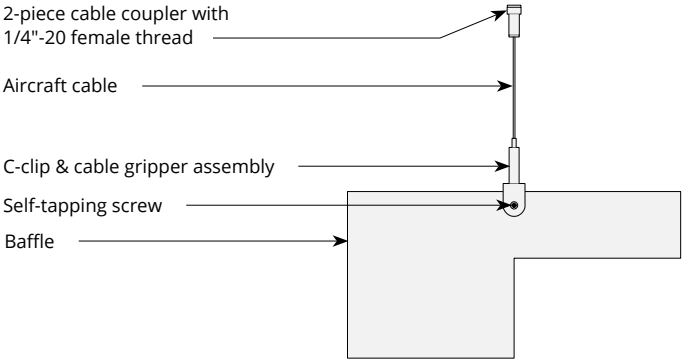
There are several mounting methods available. Choose one that works best for your project needs and preferred aesthetic.

Mounting Methods

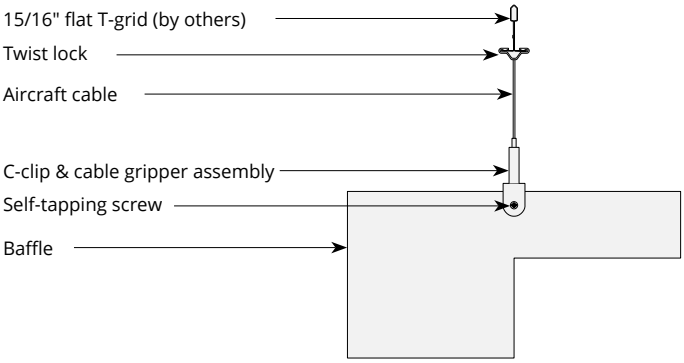
Cable



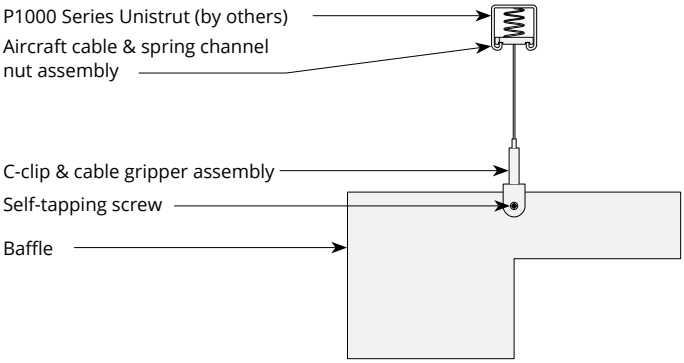
Cable to deck



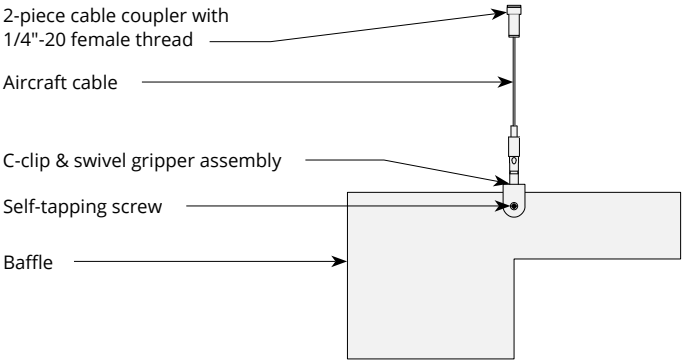
Cable to T-grid



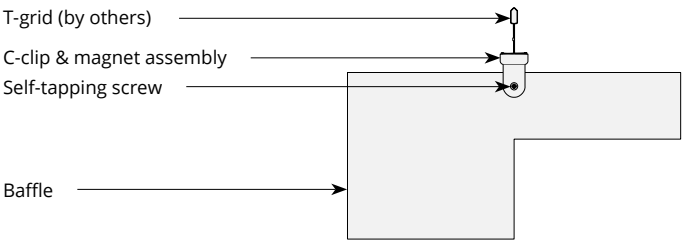
Cable to Unistrut



Swivel cable to deck

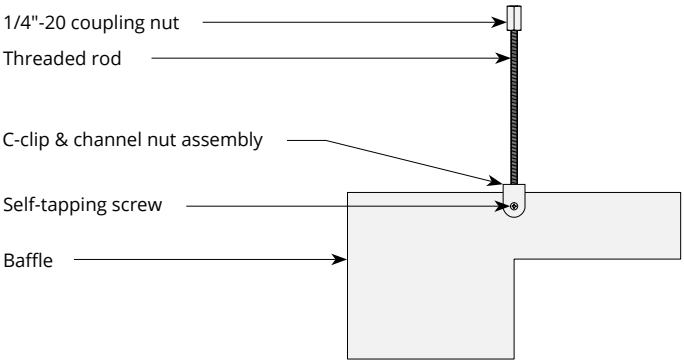


Magnet to T-grid

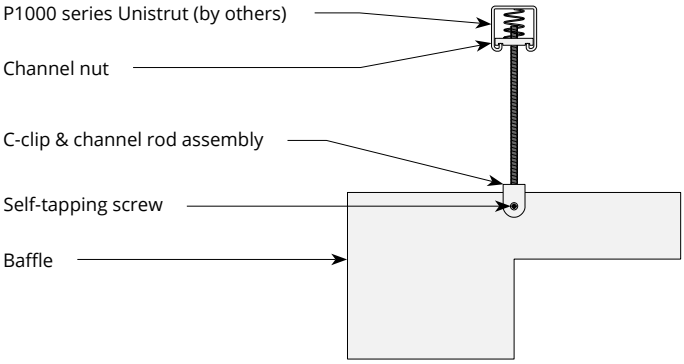


Mounting Methods cont’d.

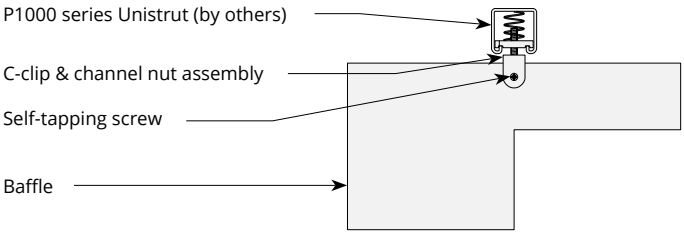
Threaded rod



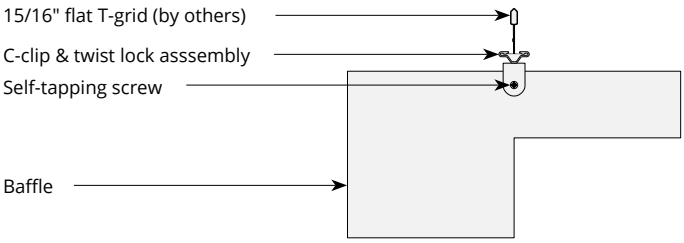
Threaded rod to Unistrut



Direct to Unistrut

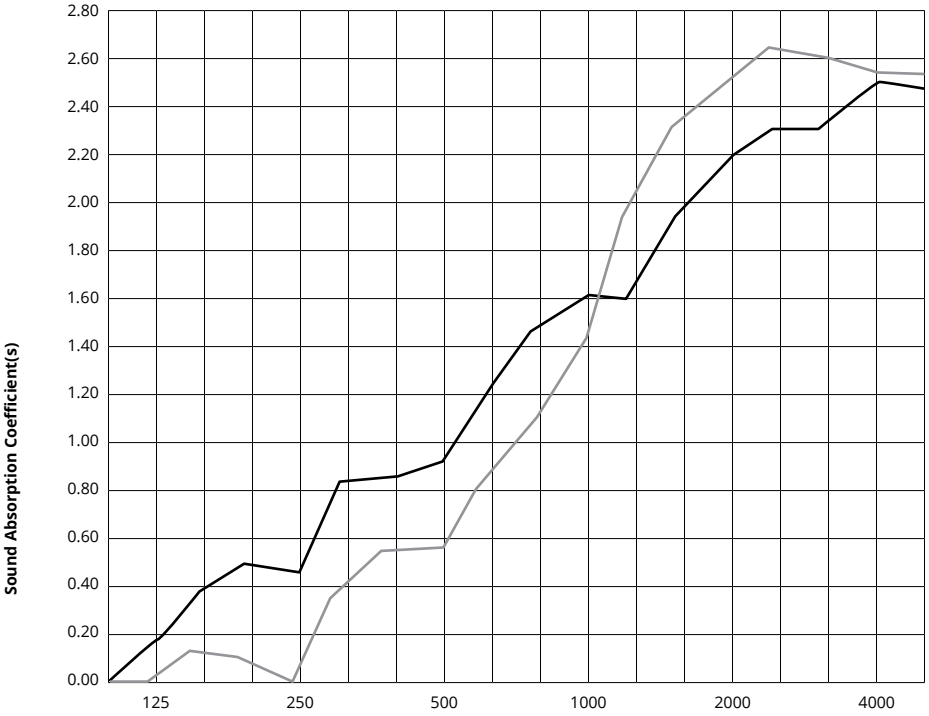


Twist lock to T-grid



Acoustic Performance

Test Method	ASTM E795-16
Install Method	J-600
Rating Method	ASTM C423-17
Mounting Method	Sample tested 6 baffles 110" L x 12" D, 12mm and 24mm thickness, sample hanging 600mm from floor and 6" O.C. from each other
Test Results	**12mm** NRC 1.30 SAA 1.32 **24mm** NRC 1.15 SAA 1.19



	Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
	12mm	0.17	0.44	.93	1.62	2.20	2.51	1.30
	24mm	0.01	0.00	0.56	1.45	2.52	2.55	1.15

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.