

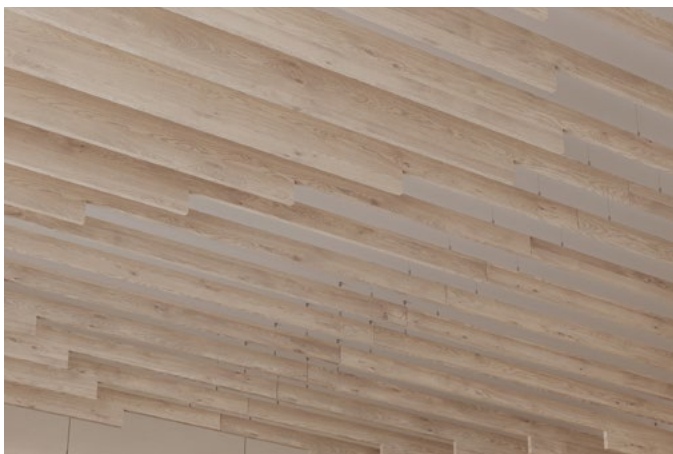
Step Ceiling Baffles

WoodGrain 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%)
Weight	0.49 lb./ft ² (±10%)
Standard Sizes	Height A: 6, 8, 10, 12" H Height B: 3, 4, 5, 6" H Depth: 1, 2" D Lengths: Range from 12" up to 110" L <i>See page 4 for more details. Custom sizes available</i>



Step Ceiling Baffle in Mountain Lodge

Technical

NRC Rating	1.30
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	Declare Certification - LBC Red List Free (third-party verified) SCS Global Indoor Advantage Gold

* PET is recyclable through participating partners.

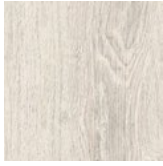


Colorways

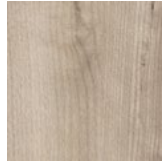
WOODGRAIN



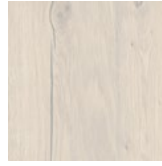
Boat Shed
WQ02



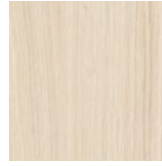
Picket Fence
WQ01



Loft
WQ06



Nordic Plank
WQ15



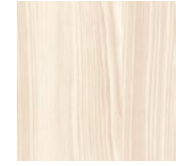
White Oak
WQ13



Baltic Birch
WQ12



White Elm
WQ07



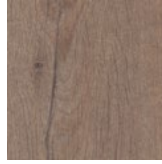
Lyed Larch
WQ30



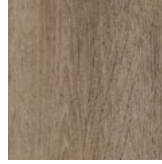
Woodland Fog
WQ22



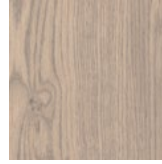
Weathered Slate
WQ14



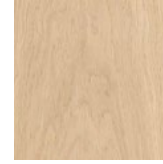
French Bobbin
WQ08



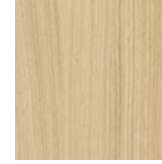
Boardwalk
WQ10



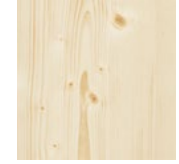
Mountain Lodge
WQ24



Wine Barrel
WQ03



Natural Oak
WQ16



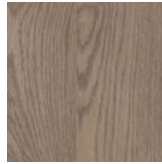
Knotty Spruce
WQ29



Shadow Oak
WQ28



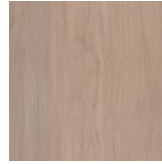
Driftwood
WQ21



Mocha Legno
WQ25



Teak
WQ18



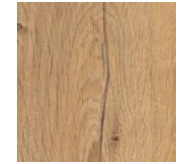
Fumed Oak
WQ19



European Larch
WQ17



Petrified Ash
WQ23



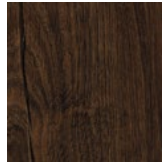
Log Cabin
WQ04



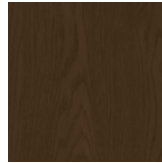
Charred Larch
WQ09



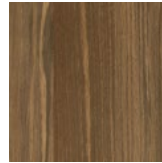
Barn Door
WQ05



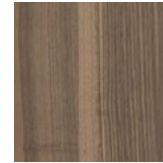
Antique Chest
WQ11



Scorched Timber
WQ26



Espresso Oak
WQ27



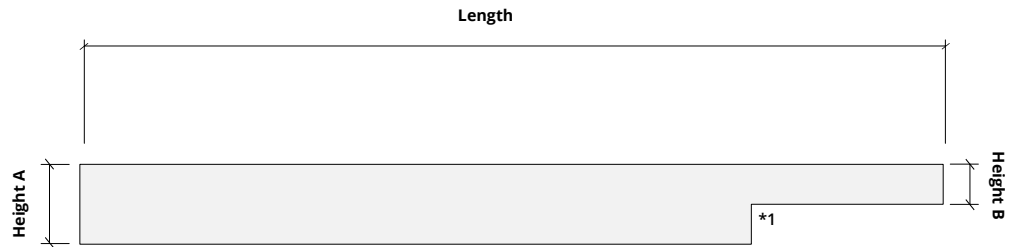
Black Walnut
WQ20

Order samples at acoufelt.com/colorways

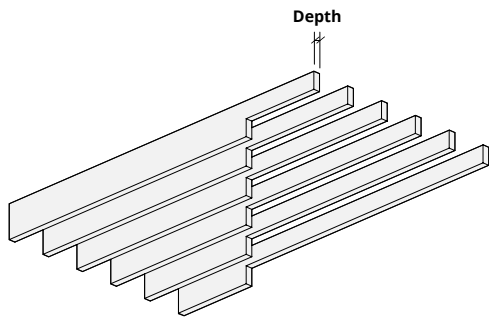
Sizes

Height	Height A: 6, 8, 10, 12" H Height B: 3, 4, 5, 6" H
Depth	1, 2" D
Length	24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 110" L <i>Custom sizes available</i>
Thickness	1/2", 12mm (±10%)

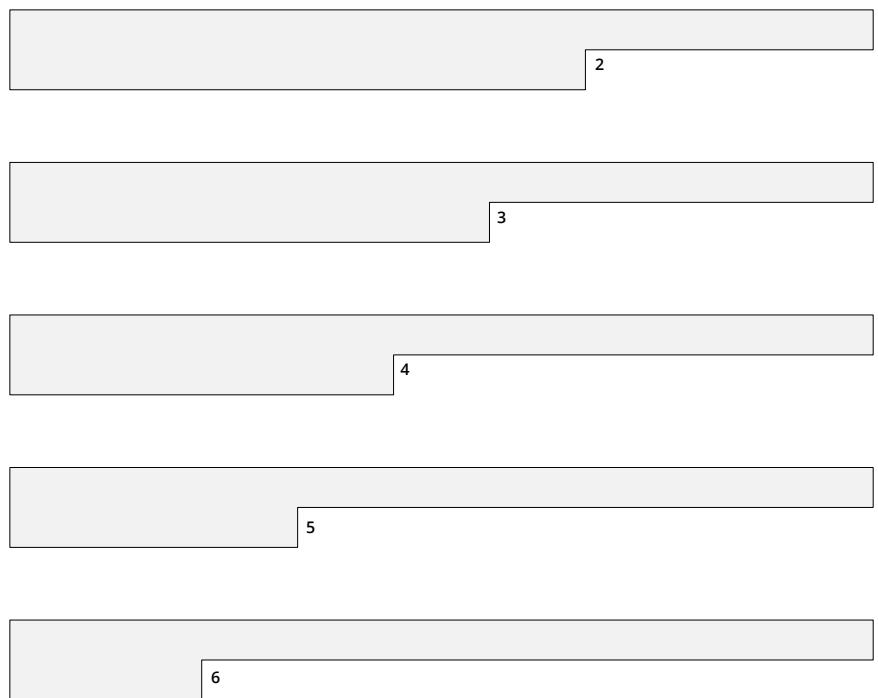
Height A	Height B
6"	3"
8"	4"
10"	5"
12"	6"



Perspective



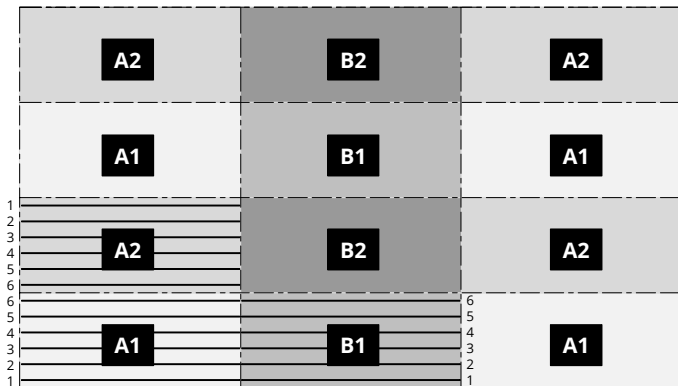
12mm
thickness



* Height range from A to B is 2:1; based on baffle number 1 in the sequence.
Refer to page 5 for baffle plan and sequences.

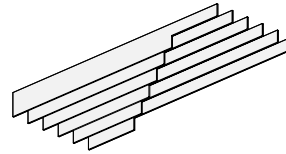
Recommended Layouts

Typical layout



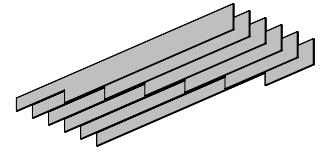
Module layouts

A1



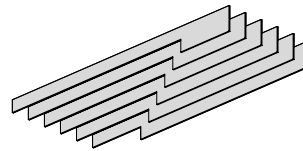
B1

Reflected direction of A1



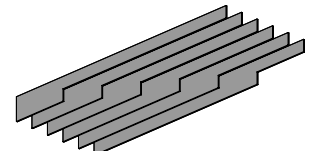
A2

Reverse order of A1

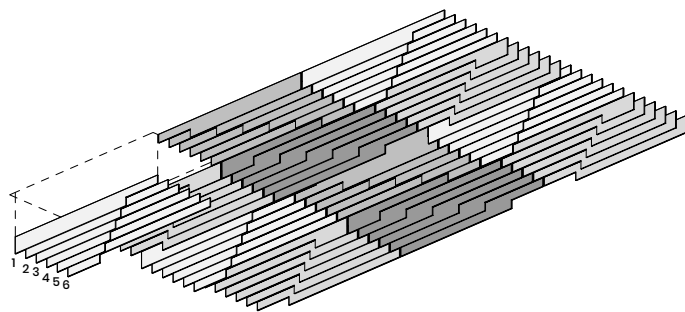


B2

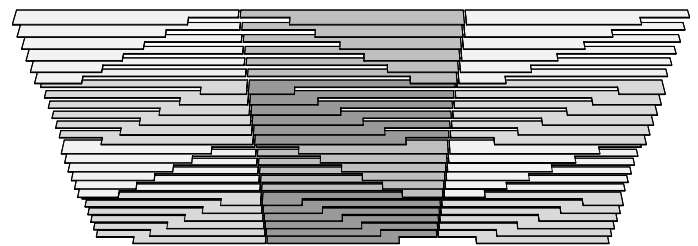
Reverse order of B1



Perspective

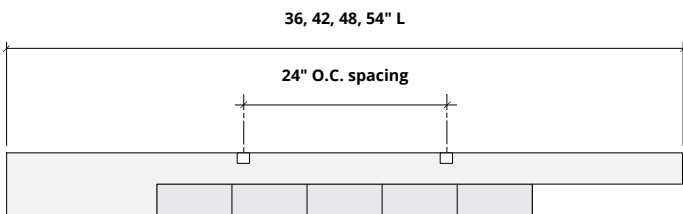
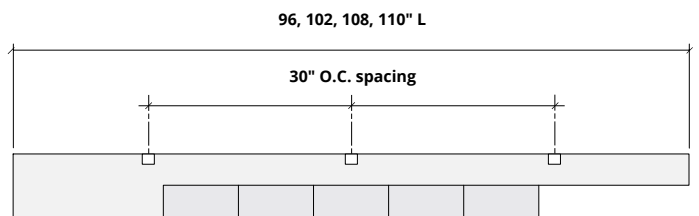
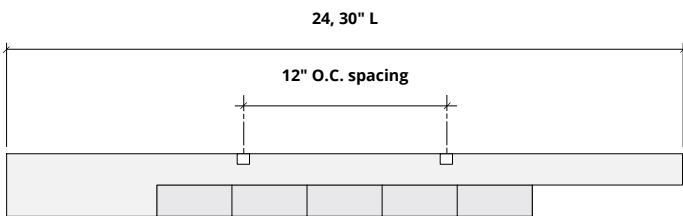
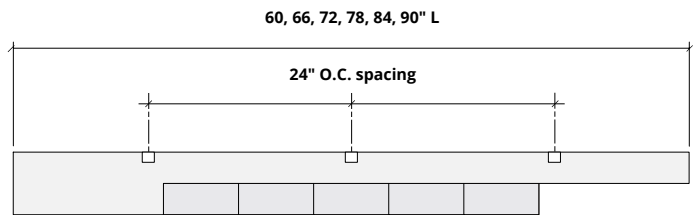
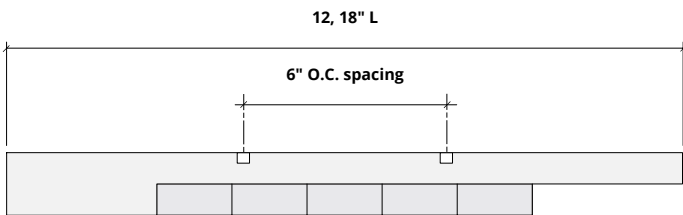


Front perspective



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



How to Specify

1. Choose Module Size

2. Choose Module Quantity

3. Choose Mounting Method

Determine preferred material thickness, length and height.

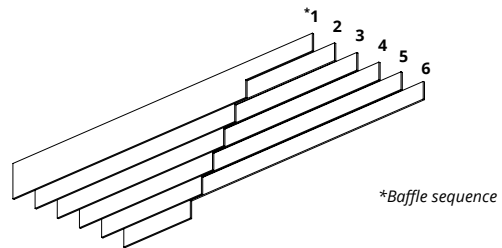
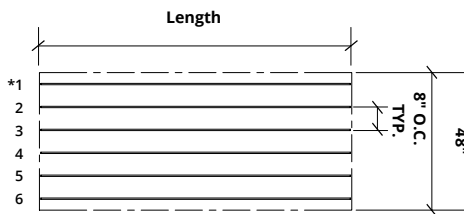
1. Choose Module Size

2. Choose Module Quantity

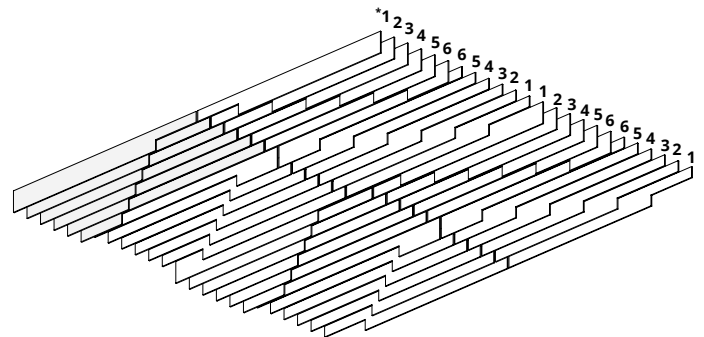
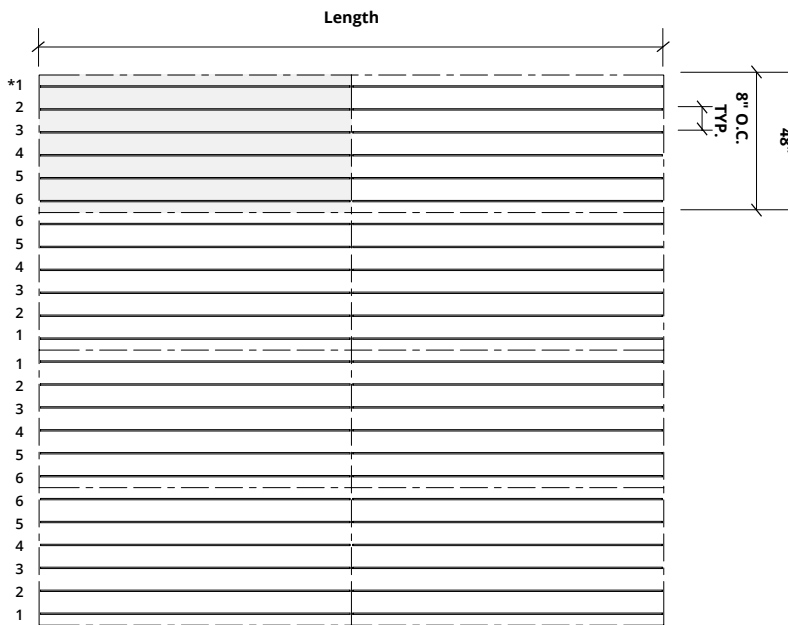
3. Choose Mounting Method

Each module includes 6 baffles installed 8" on center.

Single module



Multiple modules



1. Choose Module Size

2. Choose Module Quantity

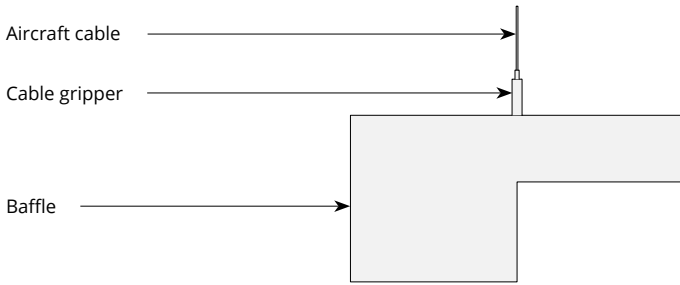
3. Choose Mounting Method

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

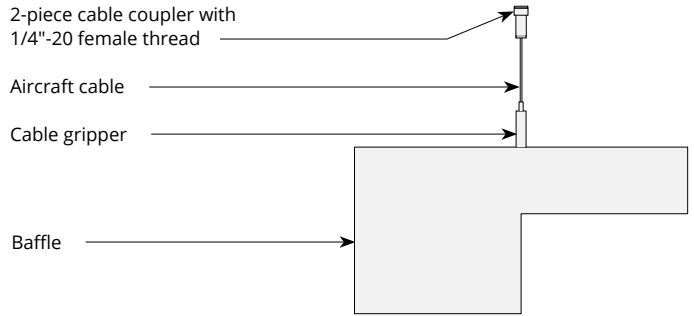


Mounting Methods

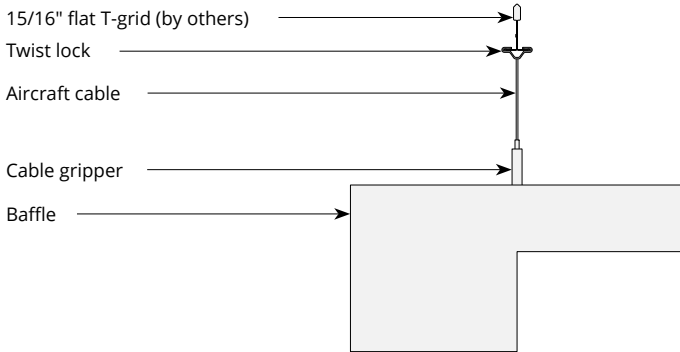
Cable



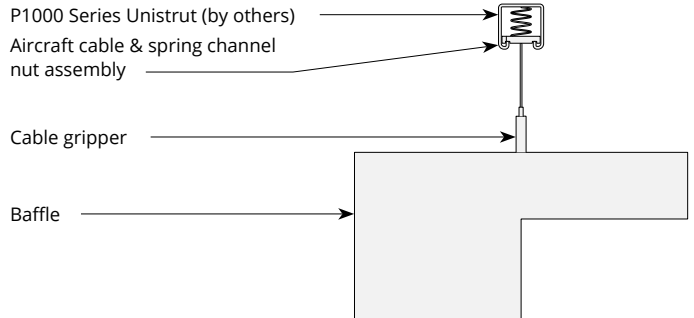
Cable to deck



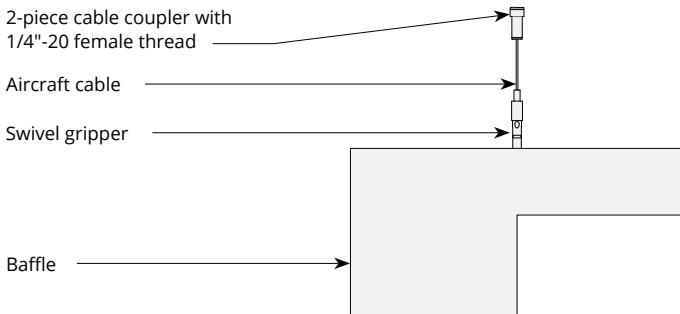
Cable to T-grid



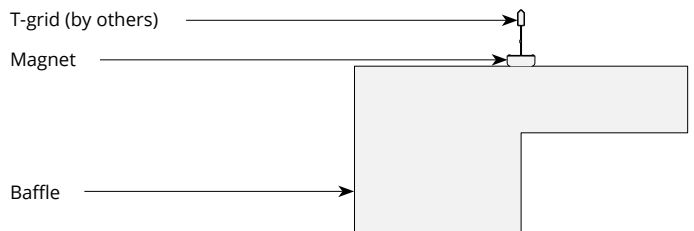
Cable to Unistrut



Swivel cable to deck

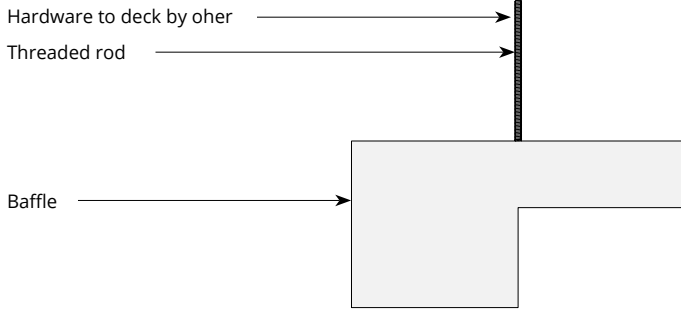


Magnet to T-grid

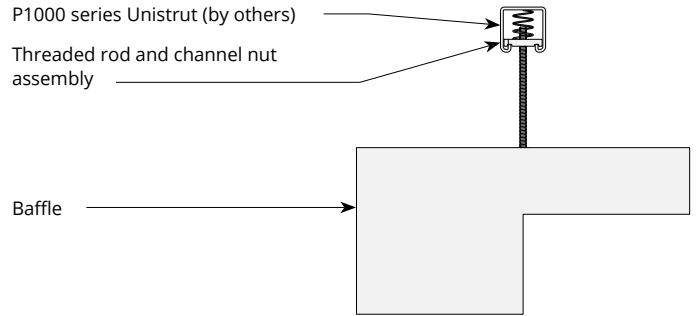


Mounting Methods cont'd.

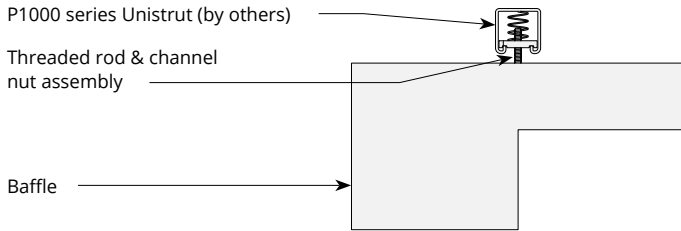
Threaded rod



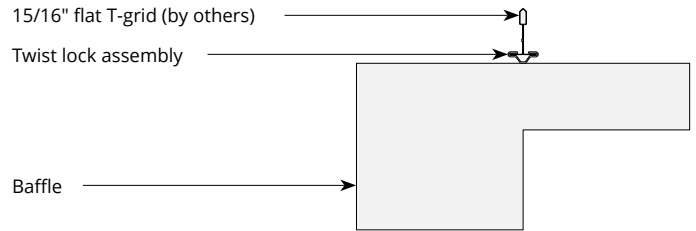
Threaded rod to Unistrut



Direct to Unistrut

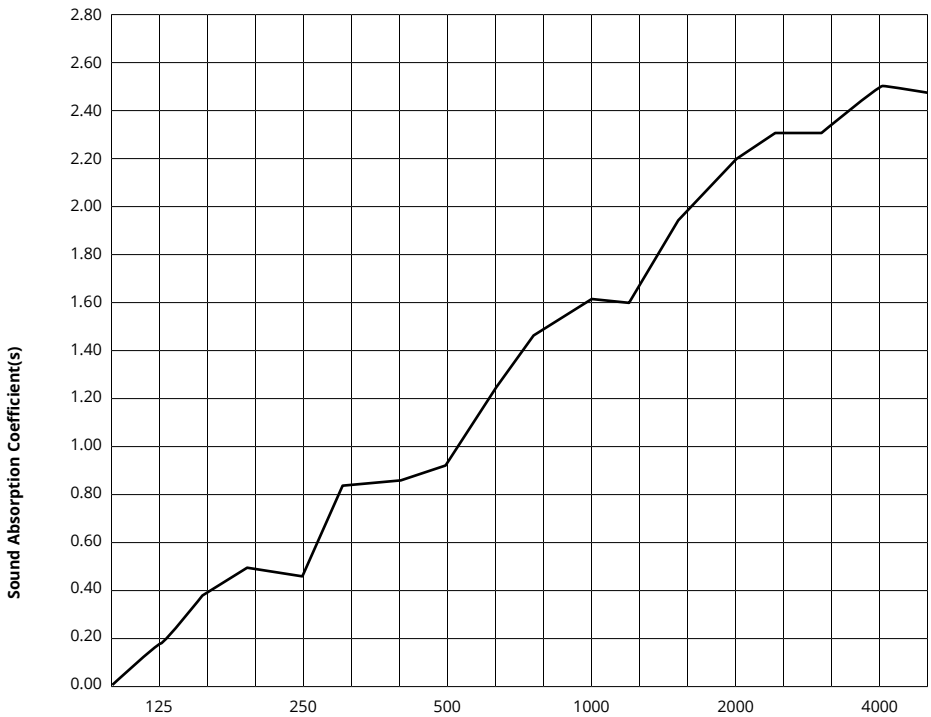


Twist lock to T-grid



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	NRC 1.30 SAA 1.32



Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
12mm	0.17	0.44	.93	1.62	2.20	2.51	1.30

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.