

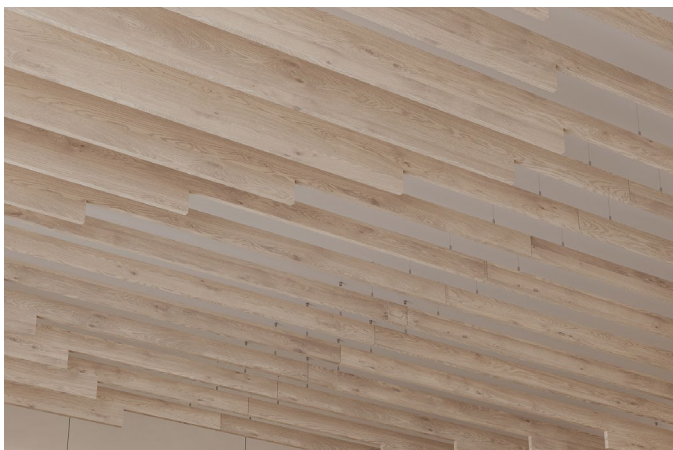
Step Ceiling Baffles

WoodGrain Collection

A stair-step approach to providing movement, Step 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
Weight	0.49 lb./ft ² (±10%)
Standard Sizes	Height A: 6, 8, 10, 12" H Height B: 3, 4, 5, 6" H Thickness: 1, 2" T Lengths: Range from 12" up to 110" L <i>See page 4 for more details. Custom sizes available</i>



Step Ceiling Baffles in Mountain Lodge

Technical

NRC Rating	1.30*
Fire Test	ASTM E84, Class A CAN/ULC-S102 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

* Test results available upon request.

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/m ³
Recyclable	100%*
Certifications	Declare Certification - LBC Red List Free (third-party verified) SCS Global Indoor Advantage Gold

* PET is recyclable through participating partners.



For questions or additional product information, visit [acoufelt.com](https://www.acoufelt.com) or call **800.966.8557**.

Step Ceiling Baffles | September 2025

Colorways

WOODGRAIN



Picket Fence
WQ01



Loft
WQ06



White Elm
WQ07



Lyed Larch
WQ30



White Oak
WQ13



Baltic Birch
WQ12



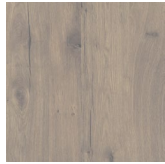
Knotty Spruce
WQ29



French Bobbin
WQ08



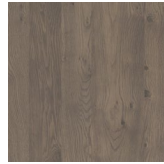
Boat Shed
WQ02



Nordic Plank
WQ15



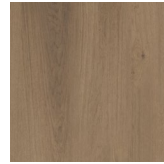
Boardwalk
WQ10



Mocha Legno
WQ25



Mountain Lodge
WQ24



Wine Barrel
WQ03



Log Cabin
WQ04



Natural Oak
WQ16



Woodland Fog
WQ22



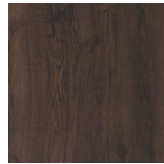
Driftwood
WQ21



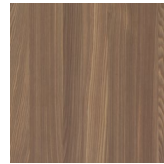
Weathered Slate
WQ14



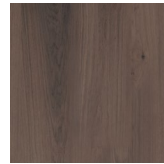
Petrified Ash
WQ23



Antique Chest
WQ11



European Larch
WQ17



Fumed Oak
WQ19



Teak
WQ18



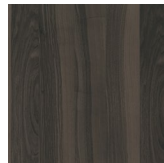
Charred Larch
WQ09



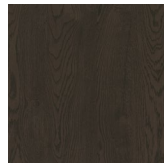
Shadow Oak
WQ28



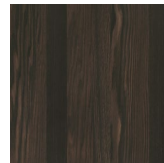
Barn Door
WQ05



Black Walnut
WQ20



Scorched Timber
WQ26



Espresso Oak
WQ27

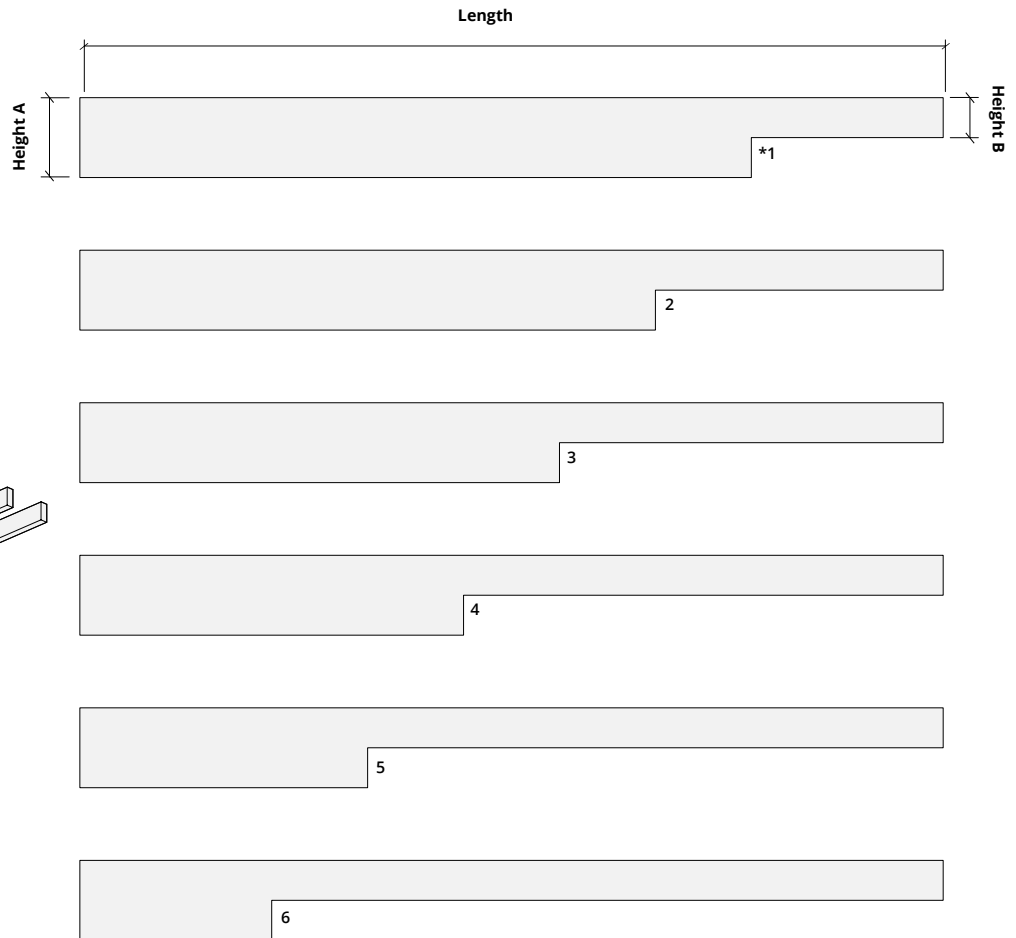
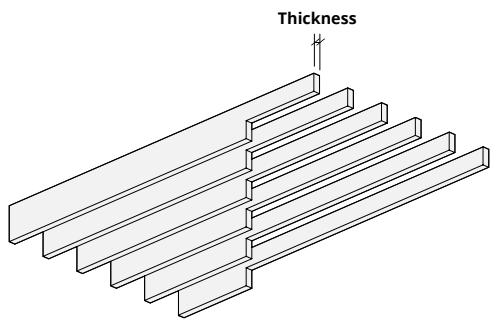
Order samples at acoufelt.com/colorways

Sizes

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

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

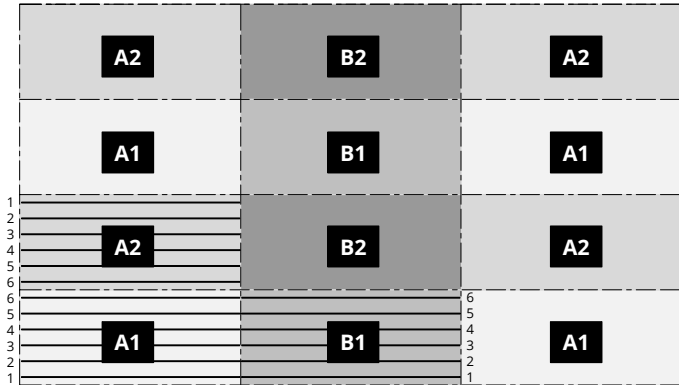
Perspective



* 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.

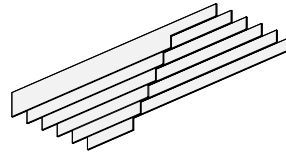
Recommended Layouts

Typical layout



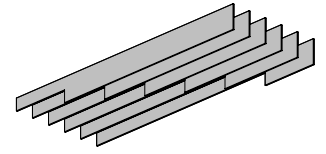
Module layouts

A1



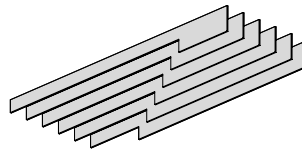
B1

Reflected direction of A1



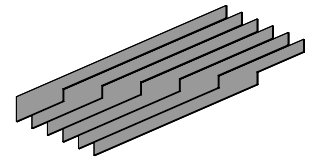
A2

Reverse order of A1

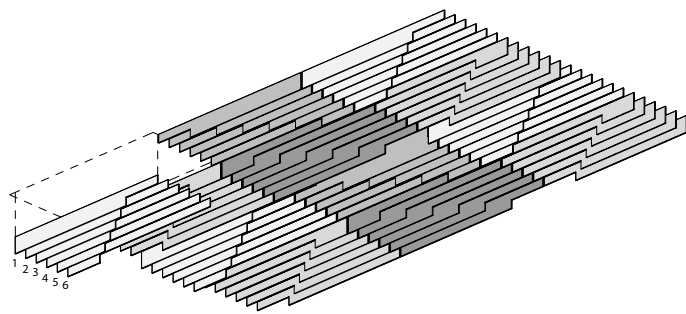


B2

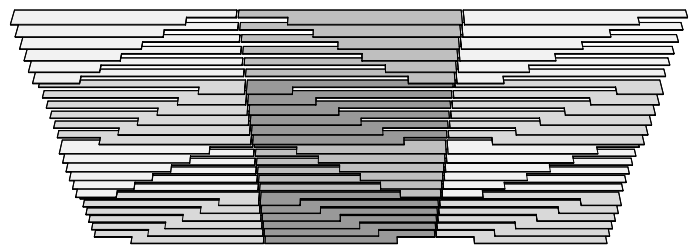
Reverse order of B1



Perspective

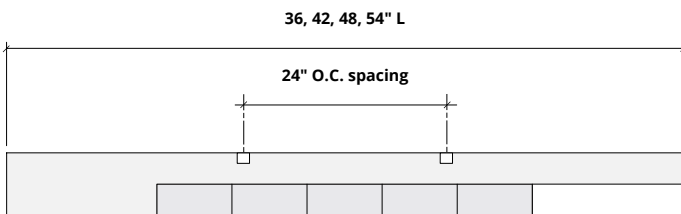
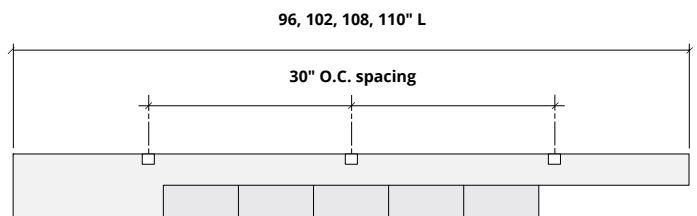
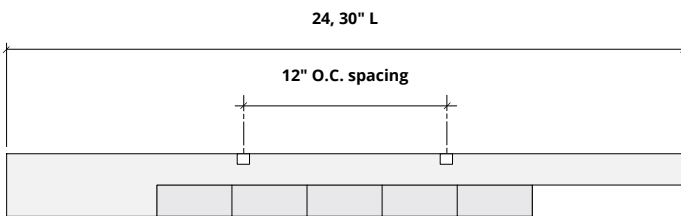
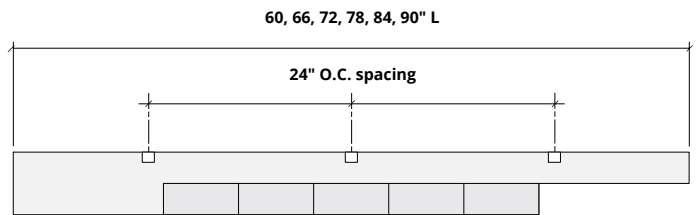
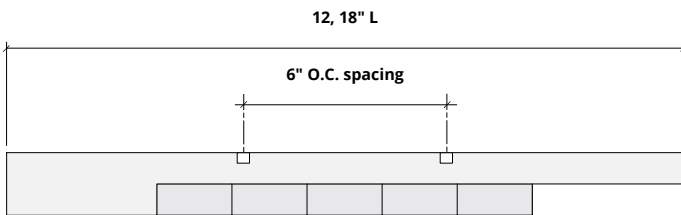


Front perspective



Hardware Spacing

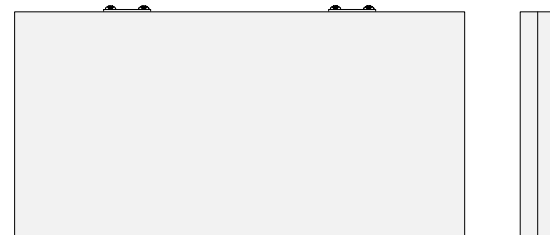
12, 18" L	6" on center spacing
24, 30" L	12" on center spacing
36, 42, 48, 54" L	24" on center spacing
60, 66, 72, 78, 84, 90" L	24" on center spacing
96, 102, 108, 110" L	30" on center spacing



12mm Baffle with Stiffener and Nut Plate



24mm Baffle with Nut Plate



How to Specify

1. Choose Module Size

2. Choose Module Quantity

3. Choose Mounting Method

Determine preferred height, length and thickness.

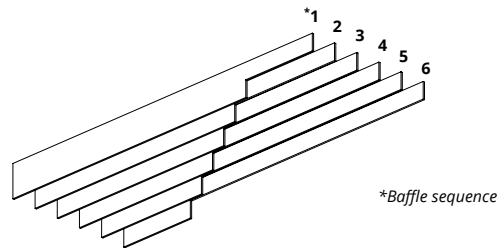
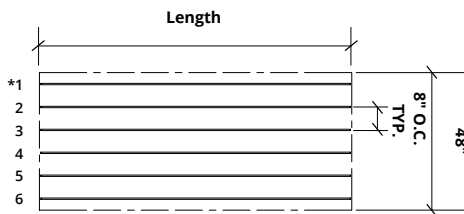
1. Choose Module Size

2. Choose Module Quantity

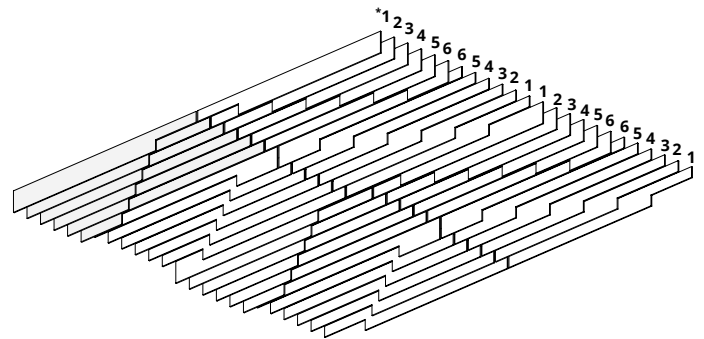
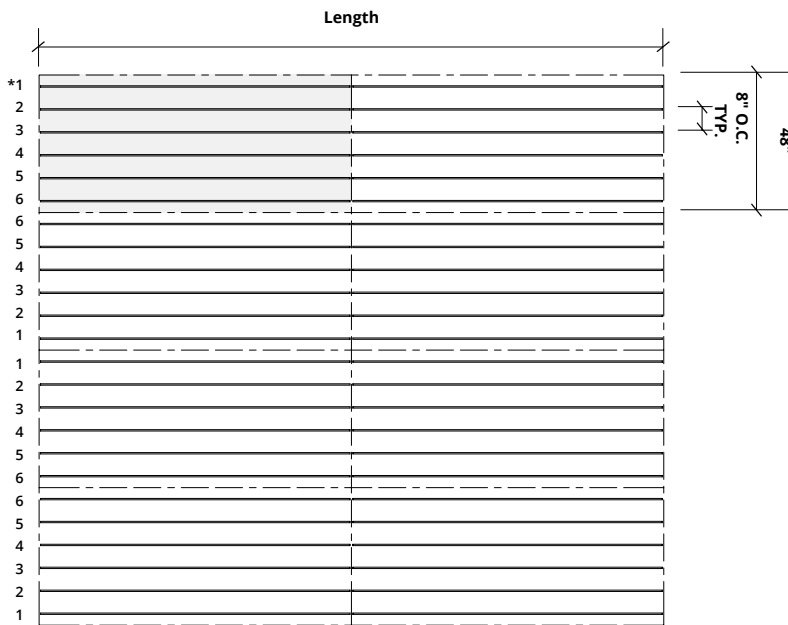
3. Choose Mounting Method

Each module includes 6 baffles installed 8" on center.

Single module



Multiple modules



1. Choose Module Size

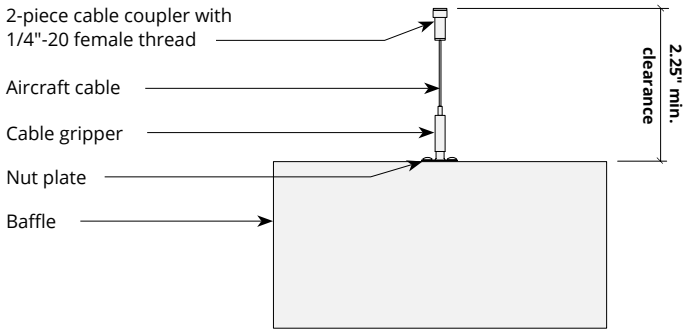
2. Choose Module Quantity

3. Choose Mounting Method

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

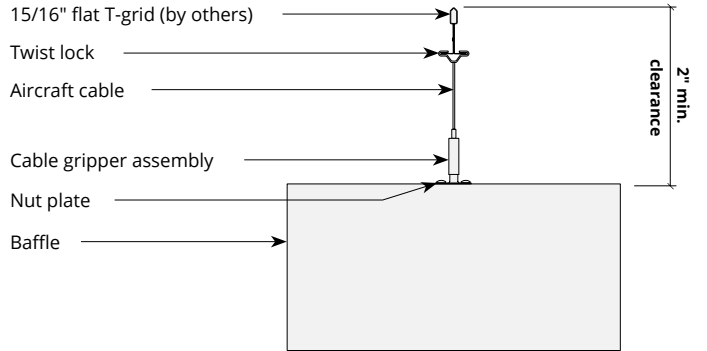
Mounting Methods

Cable to deck



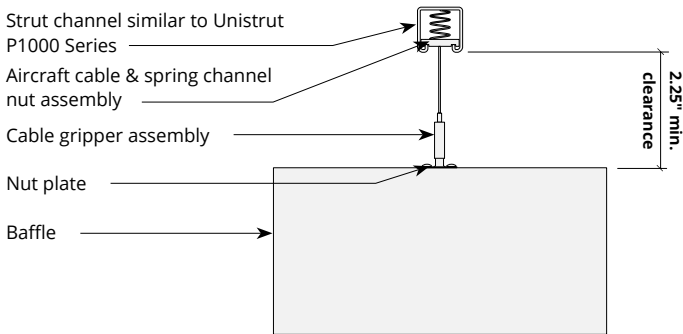
Hardware Kits:
 HK1006 - 48" Cable
 HK1010 - 120" Cable

Cable to T-grid



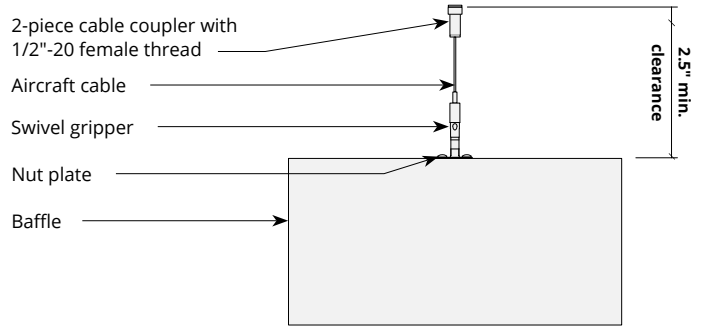
Hardware Kits:
 HK1008 - 48" Cable
 HK1012 - 120" Cable

Cable to strut channel



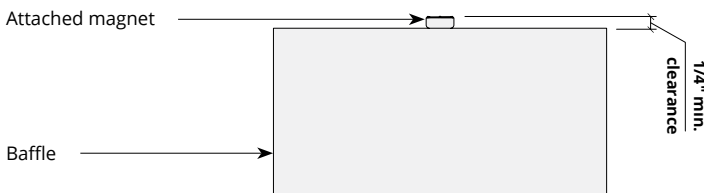
Hardware Kits:
 HK1009 - 48" Cable
 HK1013 - 120" Cable

Swivel cable to deck



Hardware Kits:
 HK1007 - 48" Cable
 HK1011 - 120" Cable

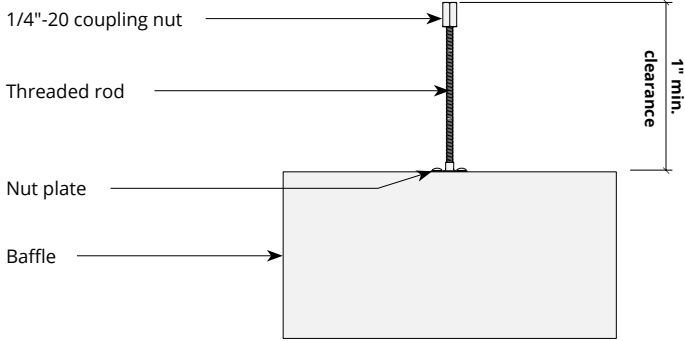
Magnet



Hardware Kits:
 HK1279

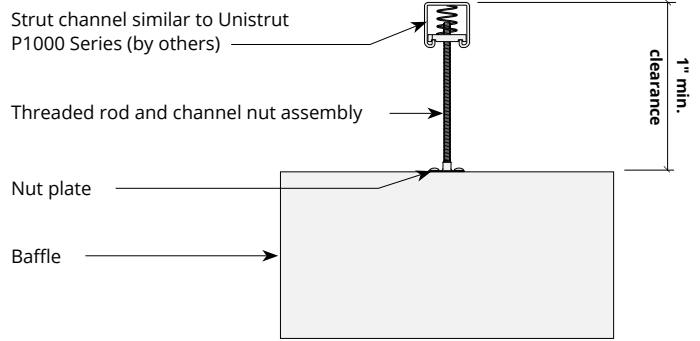
Mounting Methods cont'd.

Threaded rod



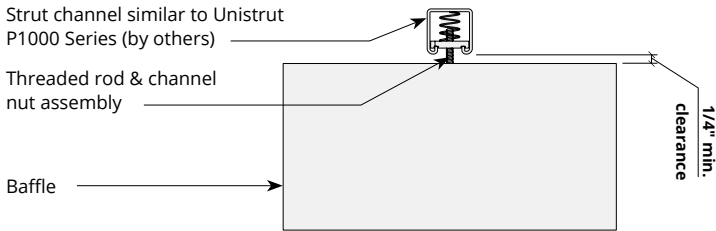
Hardware Kits:
 HK1014 - 24" Cable
 HK1015 - 48" Cable

Threaded rod to strut channel



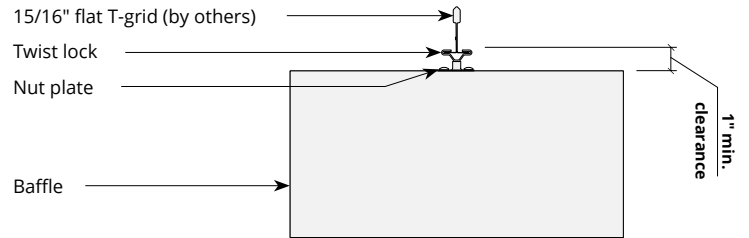
Hardware Kits:
 HK1277 - 24" Cable
 HK1278 - 48" Cable

Direct to strut channel



Hardware Kits:
 HK1016

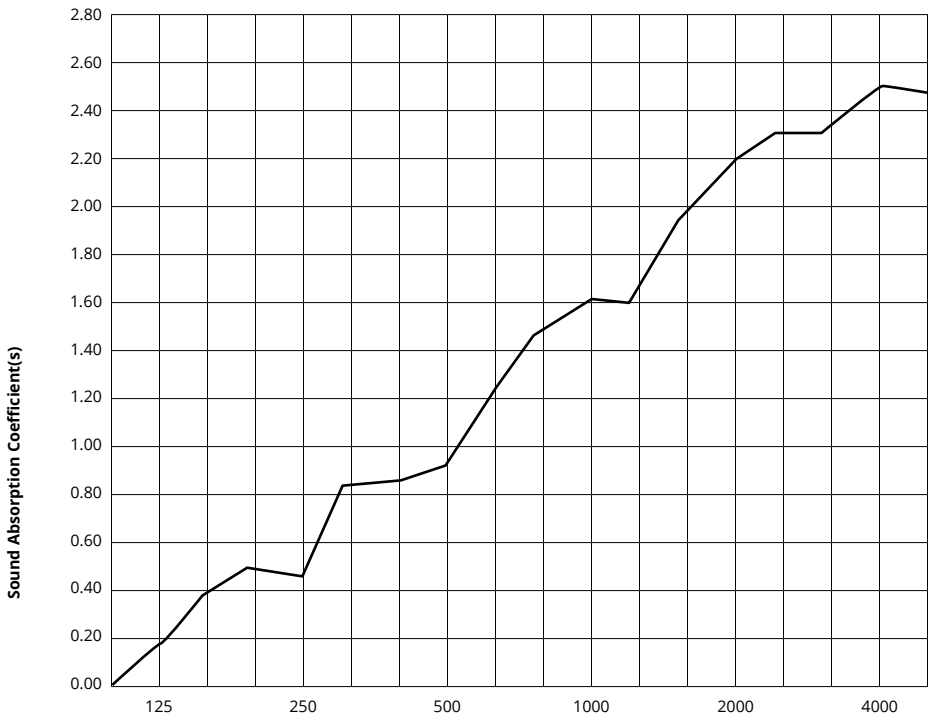
Twist lock to T-grid



Hardware Kits:
 HK1017

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.

 For questions or additional product information, visit acoufelt.com or call **800.966.8557**.

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