



Linear Ceiling Baffles

WoodGrain Collection

Linear acoustic baffles create a quiet massing of sound absorbing ceiling surfaces for meeting rooms, cafeterias, common spaces, or street-facing offices – anywhere unwanted sound is a problem. Easy to specify and install, ceiling baffles are a great first course in your soundscaping strategy.

Specifications

Surface	Ceiling
Material	FilaSorb™ polyester felt
Thickness	1", 24mm (±10%)
Weight	0.98 lb./ft ² (±10%)
Standard Sizes	Height: 4" up to 24" (2" increments) Lengths: Range from 12" up to 110" <i>See page 4 for more details. Custom sizes available</i>



Linear Ceiling Baffle in White Oak

Technical

NRC Rating	24mm 1.15
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/m ³
Recyclable	100%*
Certifications	Declare Certification - LBC Red List Free (third-party verified) SCS Global Indoor Advantage Gold



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



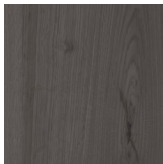
Wine Barrel
WQ03



Natural Oak
WQ16



Knotty Spruce
WQ29



Shadow Oak
WQ28



Driftwood
WQ21



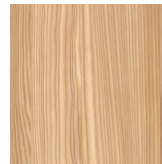
Mocha Legno
WQ25



Teak
WQ18



Fumed Oak
WQ19



European Larch
WQ17



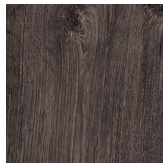
Petrified Ash
WQ23



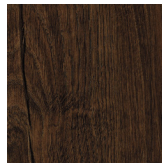
Log Cabin
WQ04



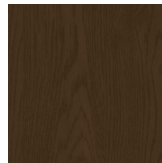
Charred Larch
WQ09



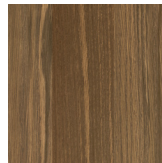
Barn Door
WQ05



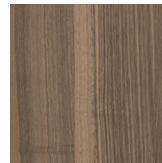
Antique Chest
WQ11



Scorched Timber
WQ26



Espresso Oak
WQ27



Black Walnut
WQ20

Order samples at acoufelt.com/colorways

Sizes

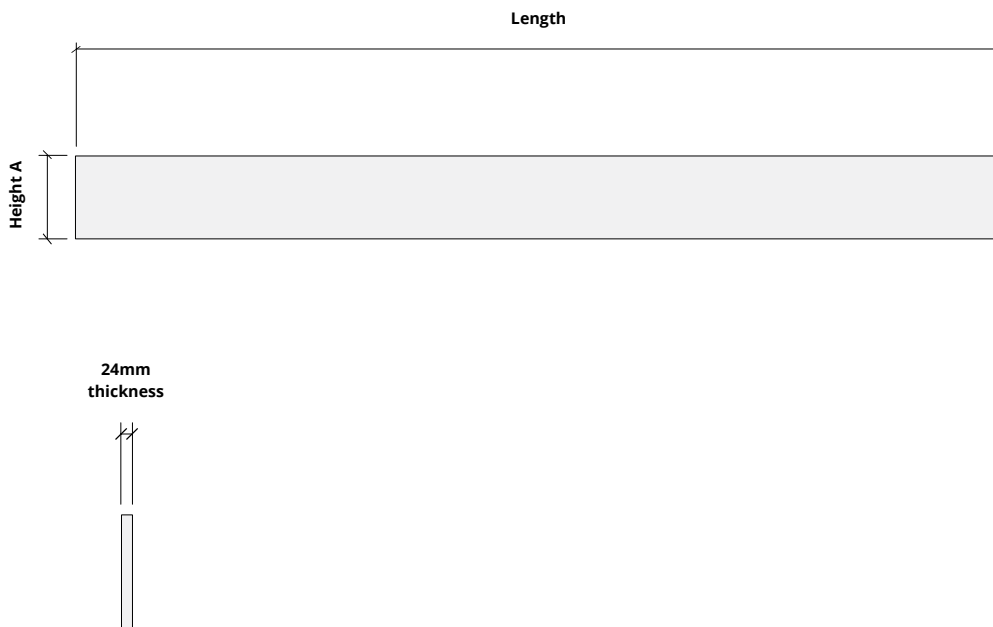
Standard Heights 4" up to 24" (2" increments)
Custom sizes available

Thickness 1", 24mm ($\pm 10\%$)

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

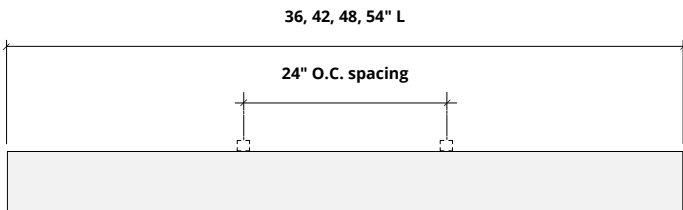
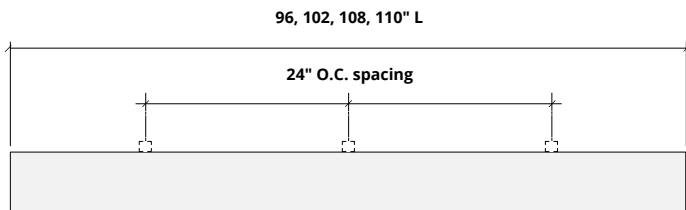
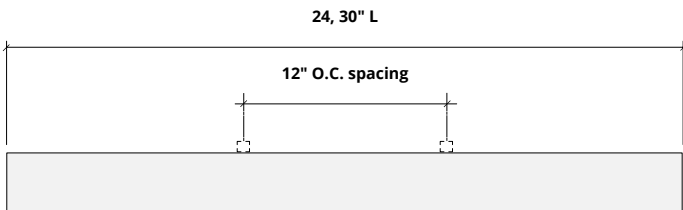
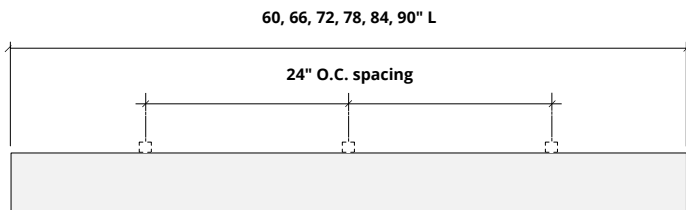
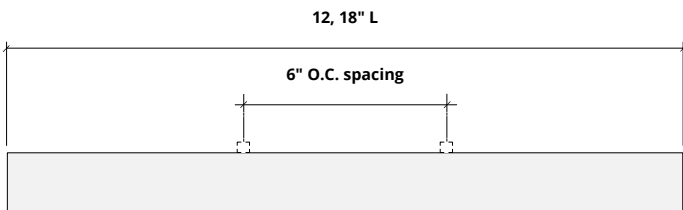
Custom sizes available

Height
4"
6"
8"
10"
12"
14"
16"
18"
20"
22"
24"



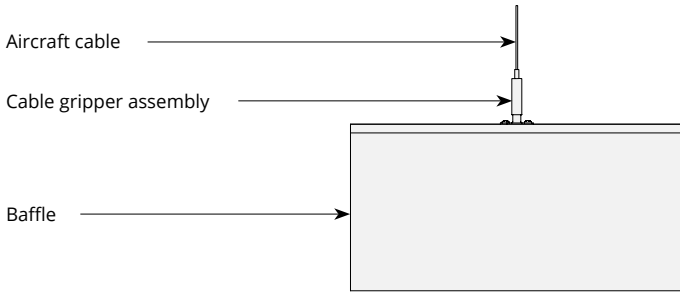
Hardware Spacing

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

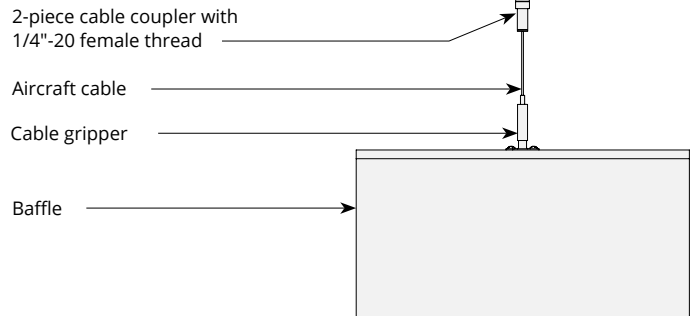


Mounting Methods

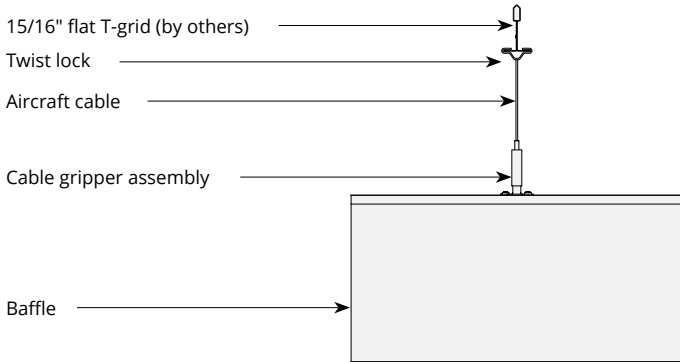
Cable



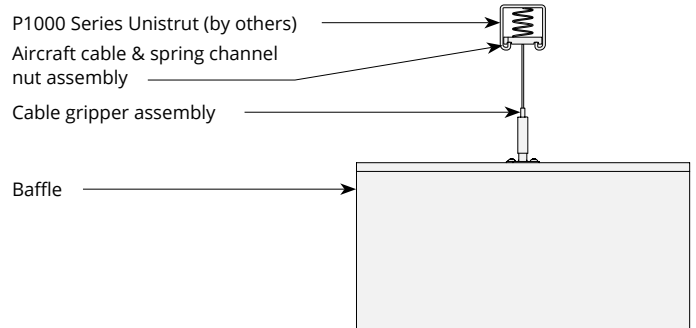
Cable to deck



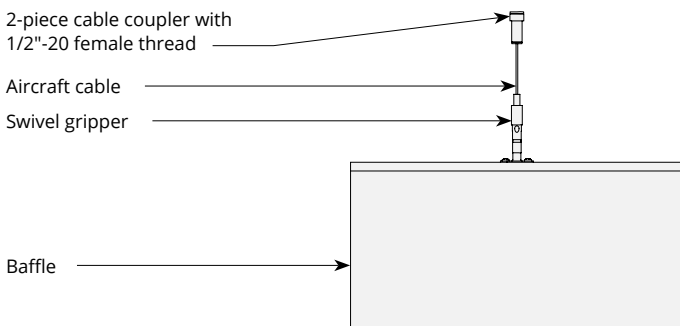
Cable to T-grid



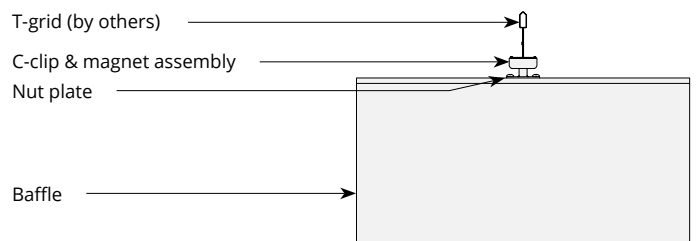
Cable to Unistrut



Swivel cable to deck

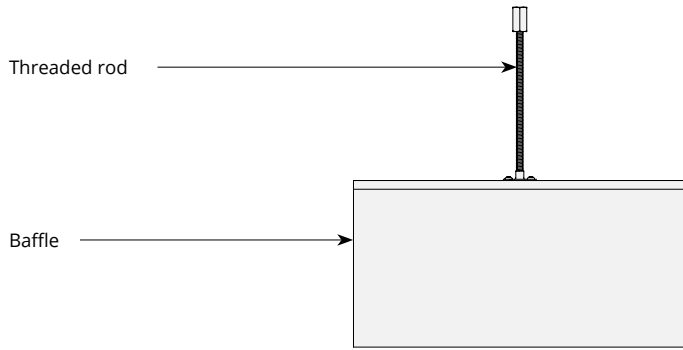


Magnet to T-grid

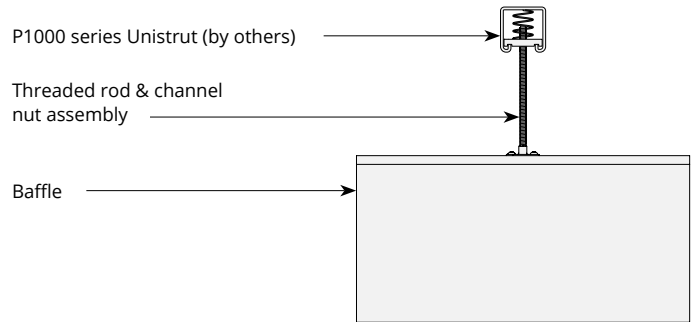


Mounting Methods cont'd.

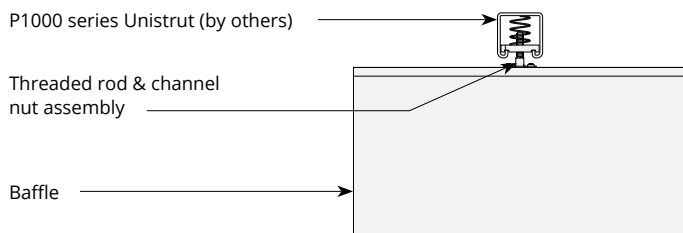
Threaded rod



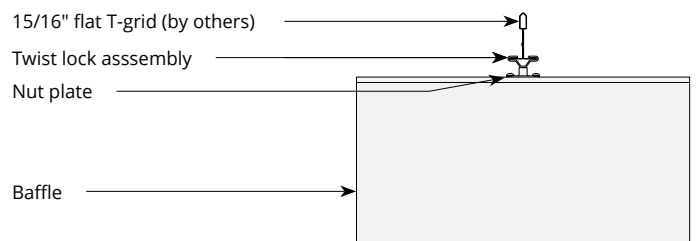
Threaded rod to Unistrut



Direct to Unistrut



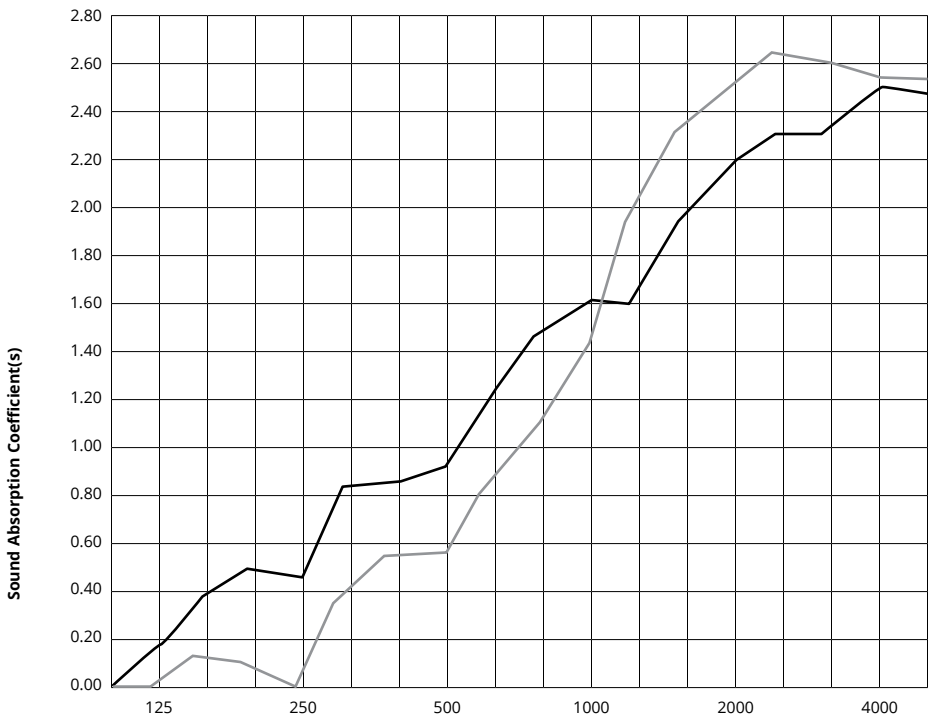
Twist lock to T-grid



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.