acoufelt



Truss

Ceiling Baffles

WoodGrain Collection

Truss is an acoustic ceiling baffle designed to mimic the natural aesthetic of a real wood beam, without the associated weight and sound reverberation of natural wood. The variety of sizes allows Truss Baffles to be used as a singular beam, in various configurations, or together in multiple sizes to create an interesting architectural design.

Specifications

Surface	Ceiling
Material	FilaSorb™ polyester felt
Thickness	12mm (±10%)
Weight	2400gsm
Standard Sizes	Height: 76 up to 508mm (in 25mm increments) Depth: 50 up to 305mm (in 25mm Increments) Length: 305 up to 2800mm (In 25mm Increments)



Truss Ceiling Baffles in Wine Barrel

Technical

NRC Rating	1.65
Fire Test	AS ISO 9705:2033 (according to AS 5637.7:2015 requirements) Group 1 0.93
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	Refer to Product Lead Time Matrix
Origin	Australia
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.*

© 2026 Acoufelt. All rights reserved.

Colorways

WOODGRAIN



Picket Fence
WQ01



Loft
WQ06



White Elm
WQ07



Lyed Larch
WQ30



White Oak
WQ13



Baltic Birch
WQ12



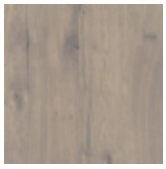
Knotty Spruce
WQ29



French Bobbin
WQ08



Boat Shed
WQ02



Nordic Plank
WQ15



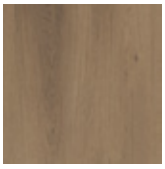
Boardwalk
WQ10



Mocha Legno
WQ25



Mountain Lodge
WQ24



Wine Barrel
WQ03



Log Cabin
WQ04



Natural Oak
WQ16



Woodland Fog
WQ22



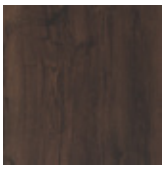
Driftwood
WQ21



Weathered Slate
WQ14



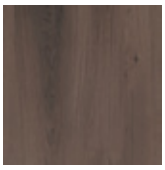
Petrified Ash
WQ23



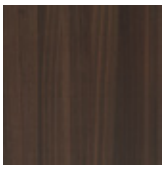
Antique Chest
WQ11



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

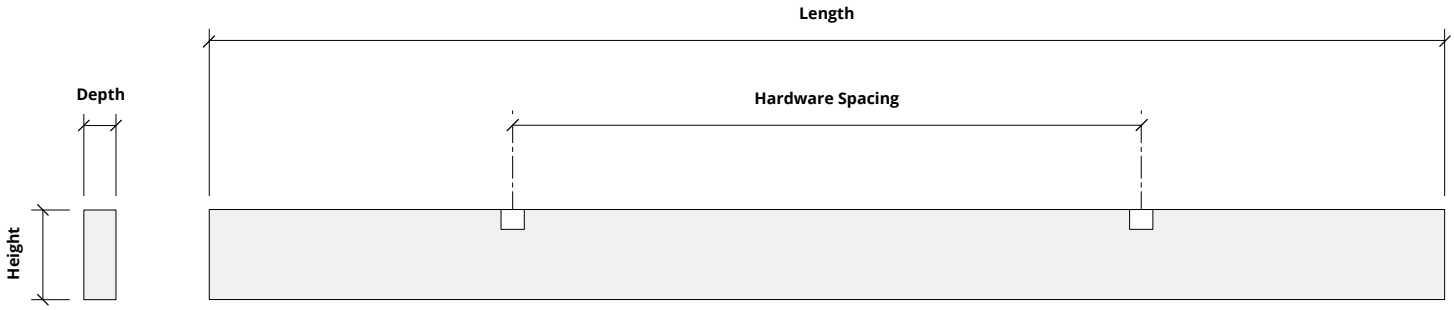
© 2026 Acoufelt. All rights reserved.

Sizes

Standard Sizes	Height: 76mm up to 508mm (in 25mm increments) Depth: 50mm up to 305mm (in 25mm increments) Length: 305mm up to 2800mm (in 152mm increments)
Thickness	12mm

	76mm H	101mm H	126mm H	151mm H	176mm H	201mm H	226mm H	251mm H	276mm H	301mm H	326mm H	351mm H	376mm H	401mm H	426mm H	451mm H	476mm H	508mm H
50mm D																		
76mm D																		
102mm D																		
127mm D																		
152mm D																		
177mm D																		
203mm D																		
228mm D																		
254mm D																		
280mm D																		
305mm D																		

Standard sizes

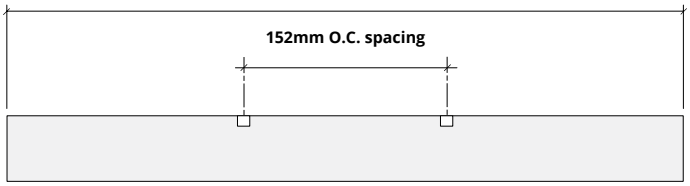


© 2026 Acoufelt. All rights reserved.

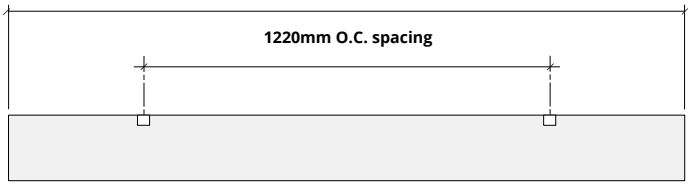
Hardware Spacing

300 – 500mm	152mm on centre spacing
500 – 800mm	305mm on centre spacing
800 – 1400mm	610mm on centre spacing
1400 – 2300mm	1220mm on centre spacing
2300 – 2800mm	1525mm on centre spacing

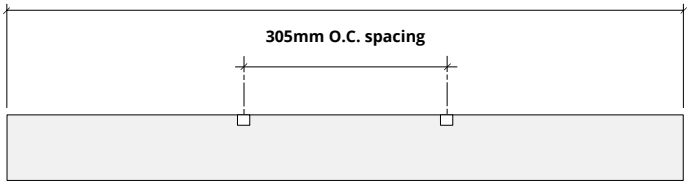
300 - 500mm L



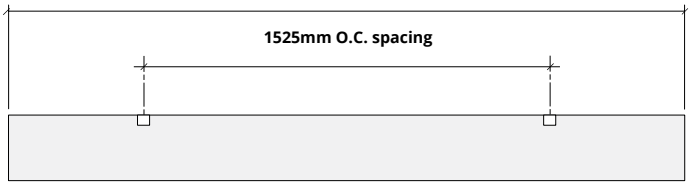
1400 - 2300mm L



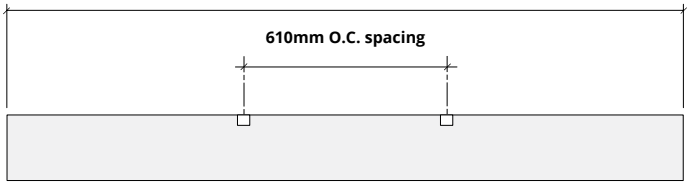
500 - 800mm L



2300 - 2800mm L



800 - 1400mm L



© 2026 Acoufelt. All rights reserved.

How to Specify

1. Choose Height | **2. Choose Width** | **3. Choose Length** | **4. Choose Colorways**

Select height based on desired design: 76mm up to 508mm (25mm increments)

---

1. Choose Height | **2. Choose Width** | **3. Choose Length** | **4. Choose Colorways**

Select width: 50mm up to 305mm (in 25mm increments)

---

1. Choose Height | **2. Choose Width** | **3. Choose Length** | **4. Choose Colorways**

Truss baffles come in the standard lengths of: 305mm up to 2800mm (in 152mm increments)

---

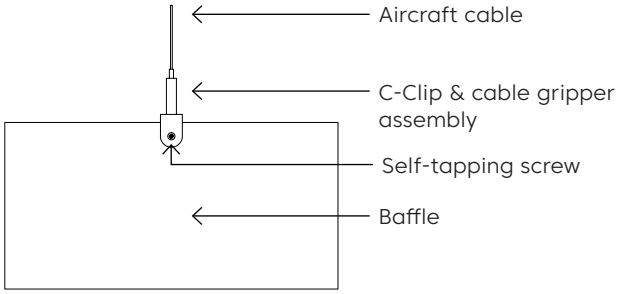
1. Choose Height | **2. Choose Width** | **3. Choose Length** | **4. Choose Colorways**

See colorway choices on page 3.

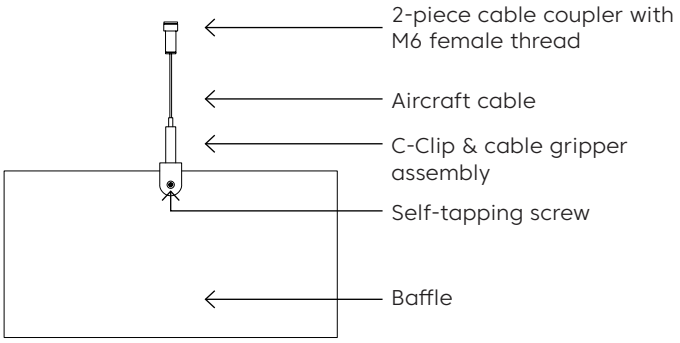
© 2026 Acoufelt. All rights reserved.

Mounting Methods

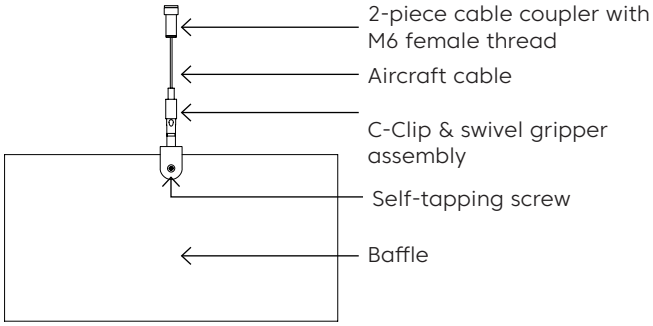
Cable



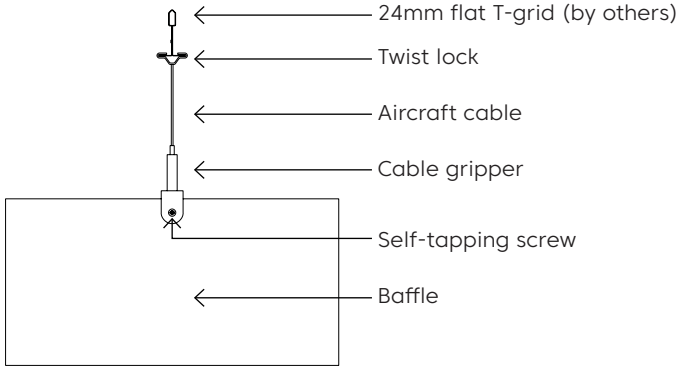
Cable to deck



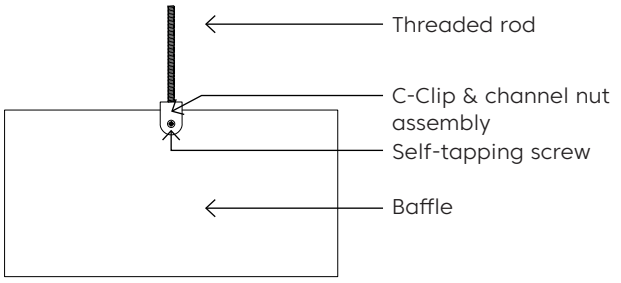
Swivel cable to deck



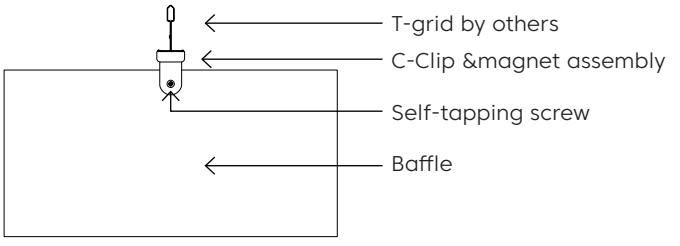
Cable to T-grid



Threaded Rod

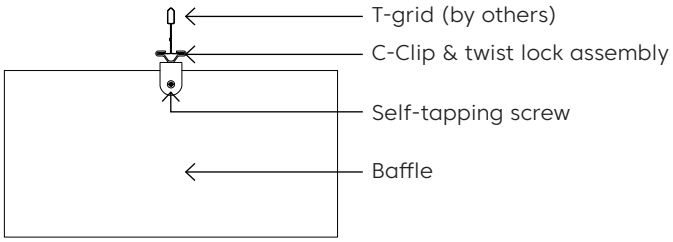


Magnet to T-grid



© 2026 Acoufelt. All rights reserved.

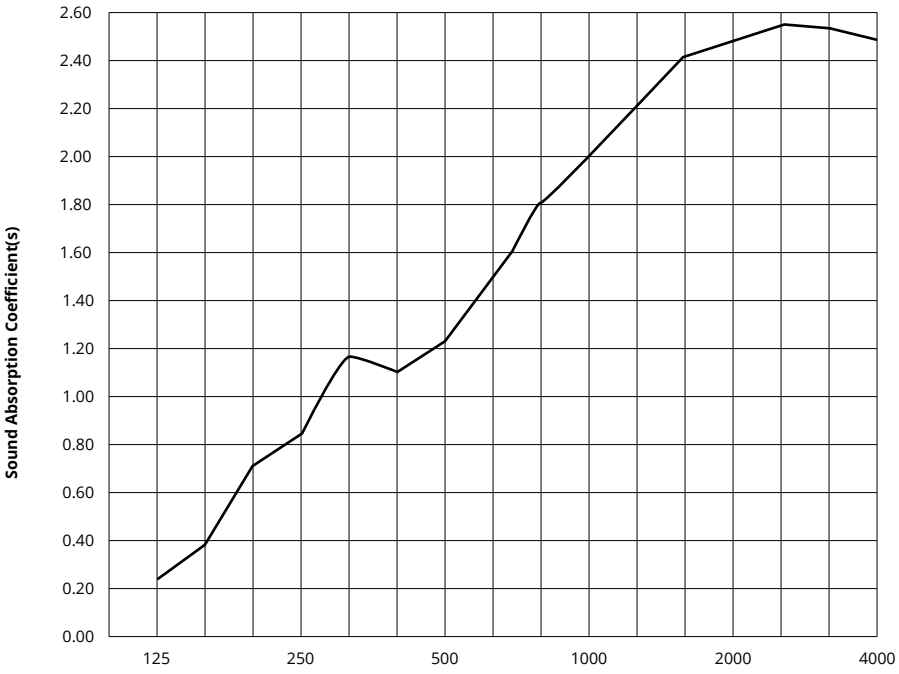
Twist lock to T-grid



© 2026 Acoufelt. All rights reserved.

Acoustic Performance

Test Method	ASTM E795-16
Install Method	J-600
Rating Method	ASTM C423-17
Mounting Method	Sample tested 5 baffles 2800mm L x 305mm D x 76mm thickness, hanging 600mm from floor and 152mm from each other
Test Results	NRC 1.65 SAA 1.68



Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
12mm Truss Baffle	0.26	0.86	1.25	2.02	2.49	2.49	1.65

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.

© 2026 Acoufelt. All rights reserved.