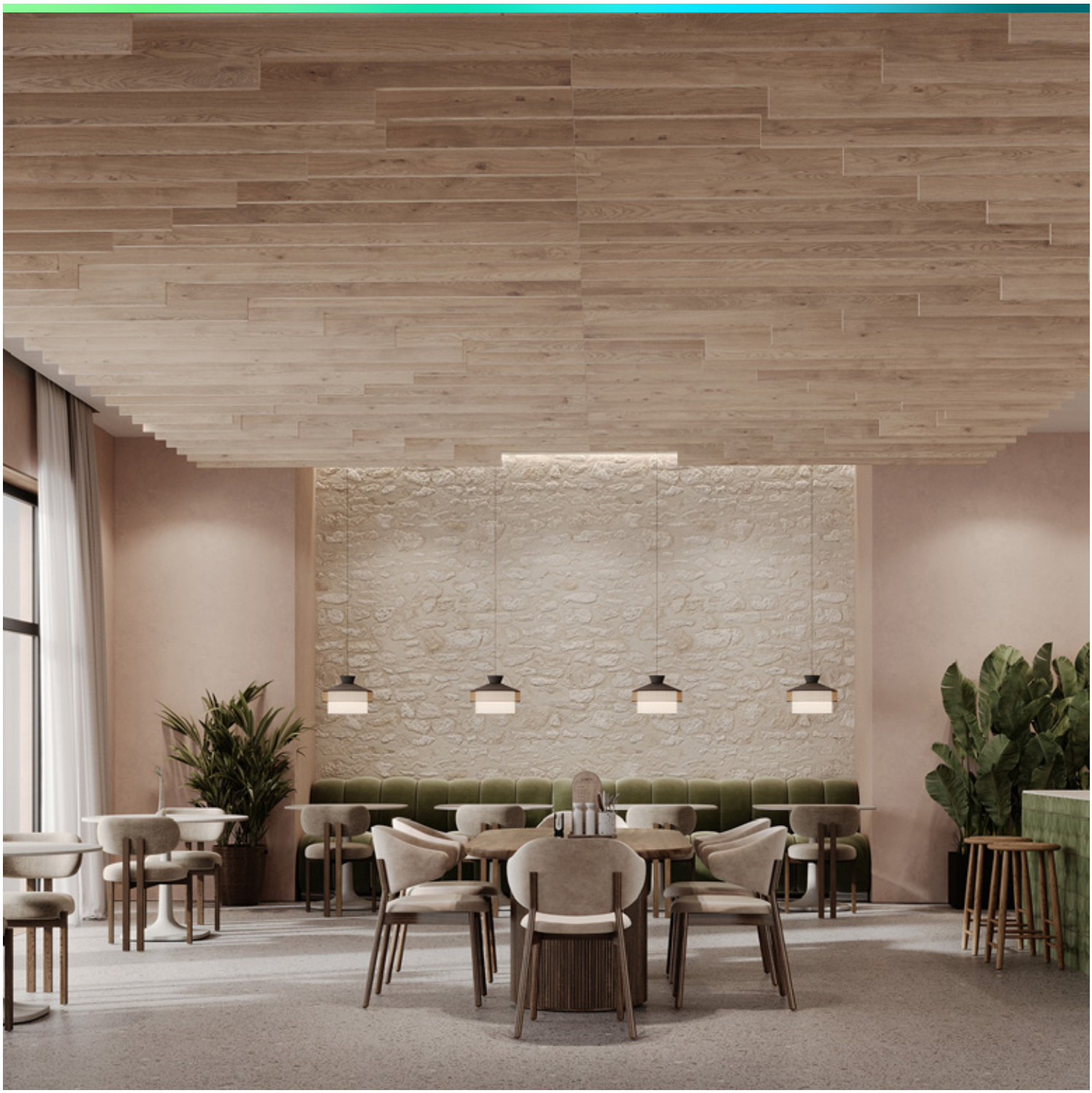
acoufelt



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	2400gsm
Standard Sizes	Height A: 152, 203, 254, 305mm H Height B: 76, 102, 127, 152mm H Thickness: 25, 51mm T Lengths: Range from 305up to 2794mm L *See page 4 for more details. Custom sizes available*



Step Ceiling Baffles in Mountain Lodge

Technical

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

** PET is recyclable through participating partners.*

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Colorways

WOODGRAIN



Picket Fence
WQ01



Loft
WQ06



White Elm
WQ07



Lyed Larch
WQ30



White Oak
WQ13



Baltic Birch
WQ12



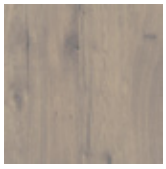
Knotty Spruce
WQ29



French Bobbin
WQ08



Boat Shed
WQ02



Nordic Plank
WQ15



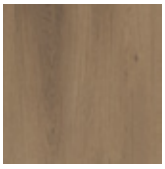
Boardwalk
WQ10



Mocha Legno
WQ25



Mountain Lodge
WQ24



Wine Barrel
WQ03



Log Cabin
WQ04



Natural Oak
WQ16



Woodland Fog
WQ22



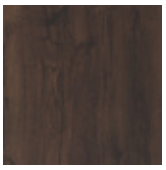
Driftwood
WQ21



Weathered Slate
WQ14



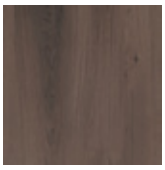
Petrified Ash
WQ23



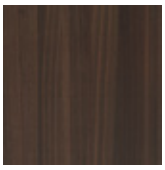
Antique Chest
WQ11



European Larch
WQ17



Fumed Oak
WQ19



Teak
WQ18



Charred Larch
WQ09



Shadow Oak
WQ28



Barn Door
WQ05



Black Walnut
WQ20



Scorched Timber
WQ26



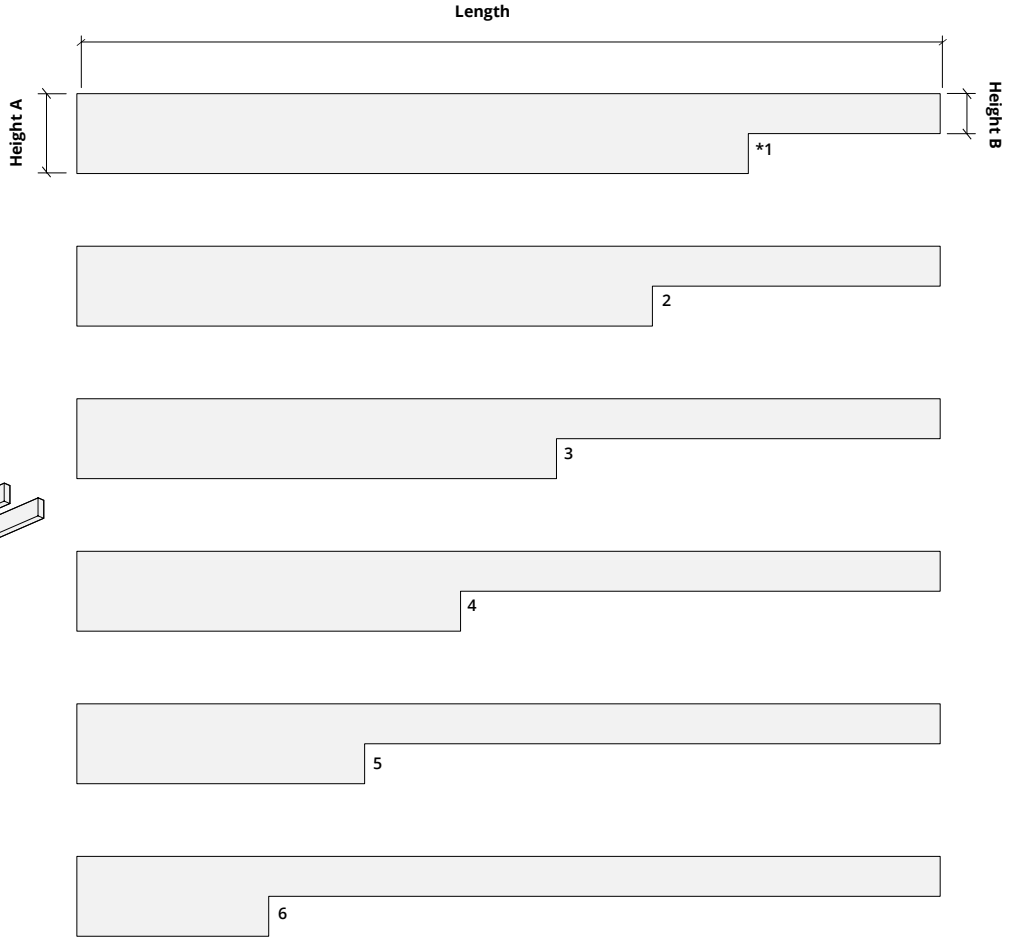
Espresso Oak
WQ27

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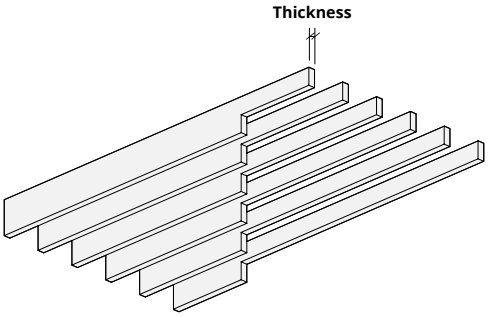
Sizes

Height	Height A: 152, 203, 254, 305mm H Height B: 76, 102, 127, 152mm H
Thickness	25, 51mm T
Length	610, 762, 914, 1067, 1219, 1372, 1524, 1676, 1829, 1981, 2134, 2286, 2438, 2591, 2743, 2794mm L *Custom sizes available*

Height A	Height B
152mm	76mm
203mm	102mm
254mm	127mm
305mm	152mm



Perspective

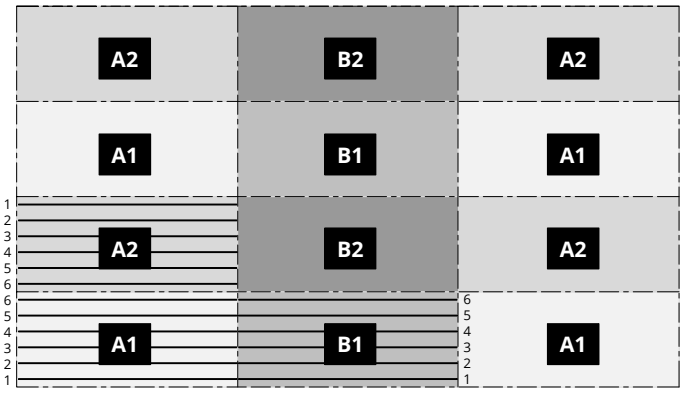


** Height range from A to B is 2:1; based on baffle number 1 in the sequence.*
Refer to page 5 for baffle plan and sequences.

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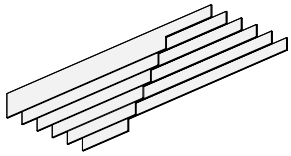
Recommended Layouts

Typical layout

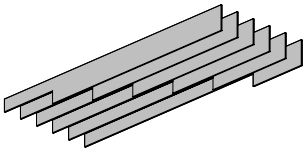


Module layouts

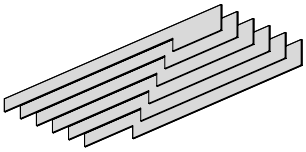
A1



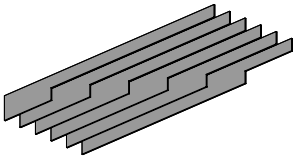
B1
Reflected direction of A1



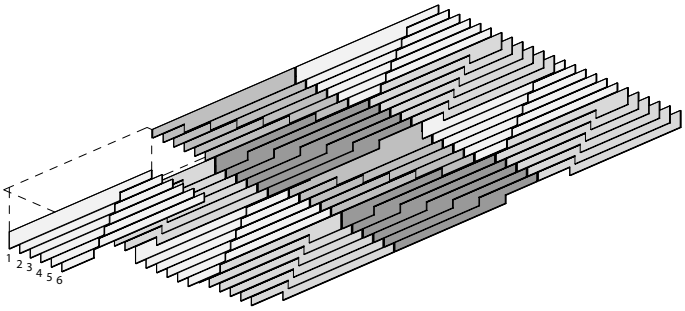
A2
Reverse order of A1



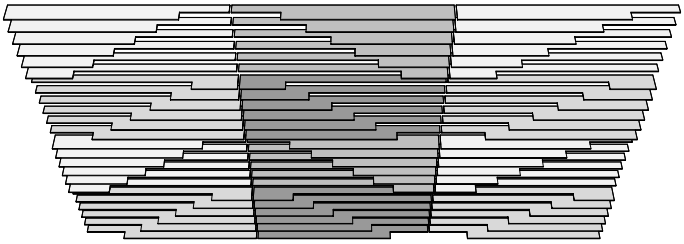
B2
Reverse order of B1



Perspective



Front perspective

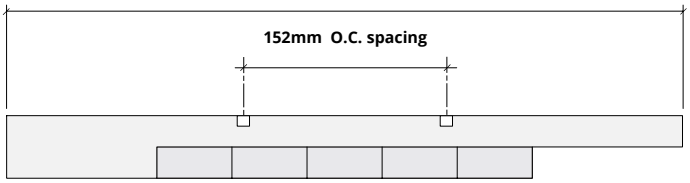


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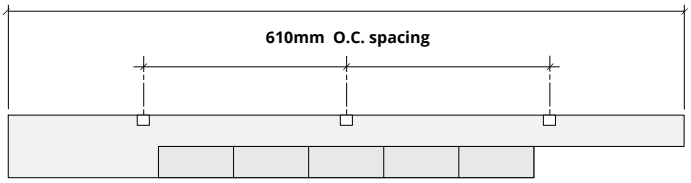
Hardware Spacing

305, 457mm L	152mm on center spacing
610, 762mm L	305mm on center spacing
914, 1067, 1219, 1372mm L	610mm on center spacing
1524, 1676, 1829, 1981, 2134, 2286mm L	610mm on center spacing
2438, 2591, 2743, 2794mm L	762mm on center spacing

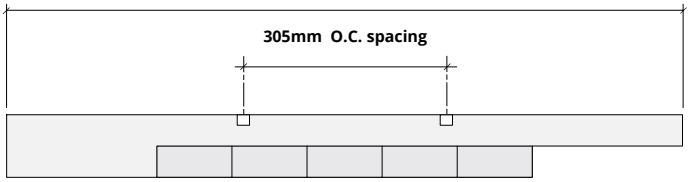
305, 457mm L



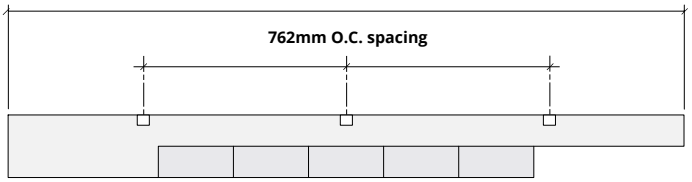
1524, 1676, 1829, 1981, 2134, 2286mm L



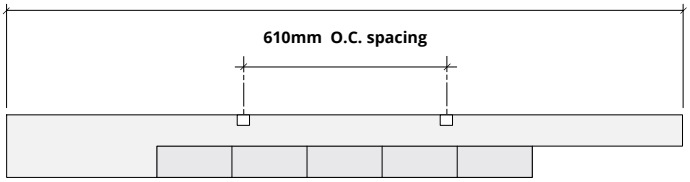
610, 762mm L



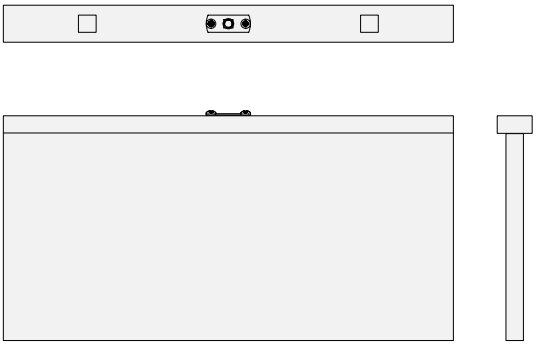
2438, 2591, 2743, 2794 L



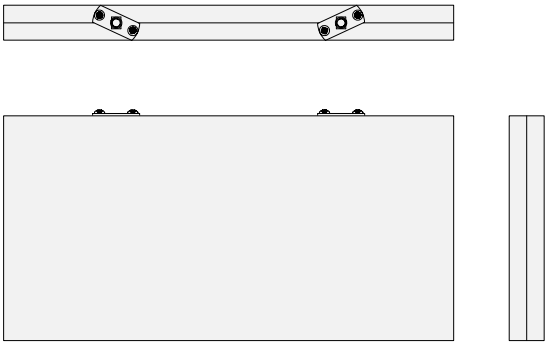
914, 1067, 1219, 1372mm L



12mm Baffle with Stiffener and Nut Plate



24mm Baffle with Nut Plate



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How to Specify

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

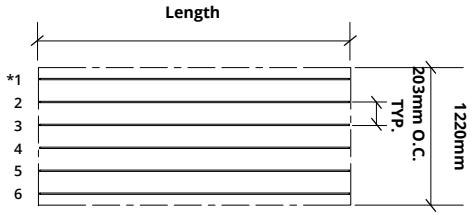
Determine preferred height, length and thickness.

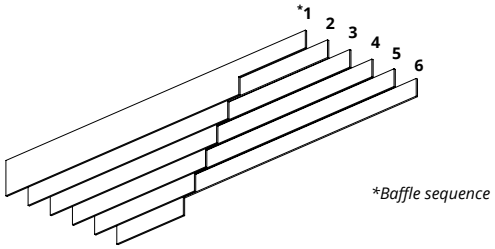
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1. Choose Module Size | **2. Choose Module Quantity** | **3. Choose Mounting Method**

Each module includes 6 baffles installed 203mm on center.

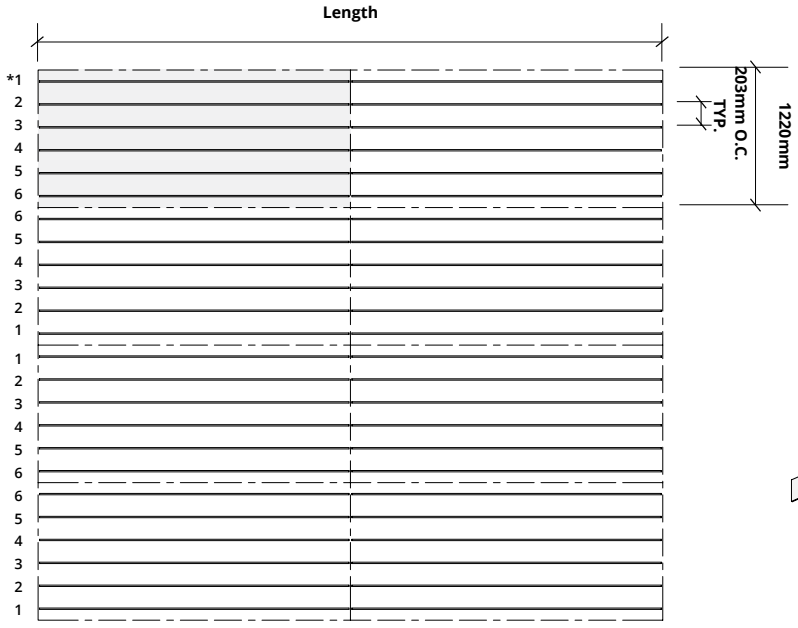
Single module

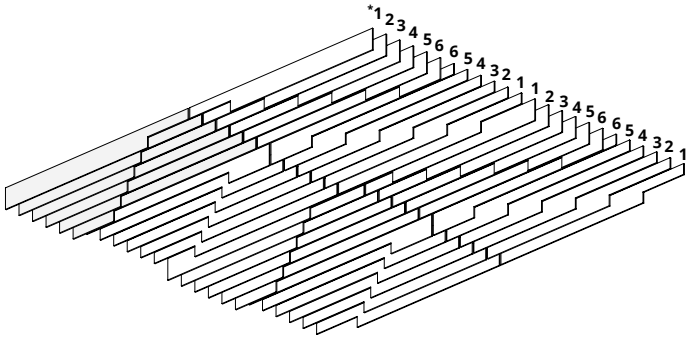




**Baffle sequence*

Multiple modules





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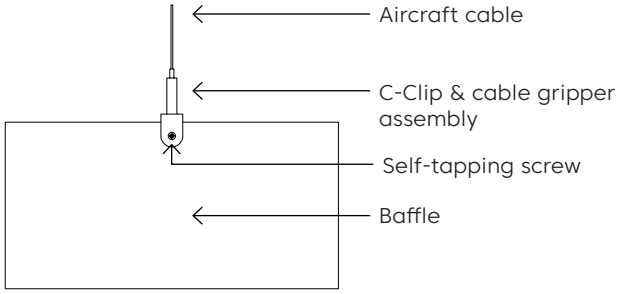
1. Choose Module Size | **2. Choose Module Quantity** | **3. Choose Mounting Method**

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

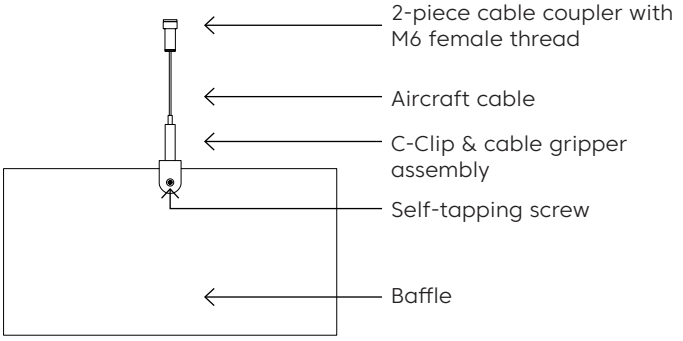
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Mounting Methods

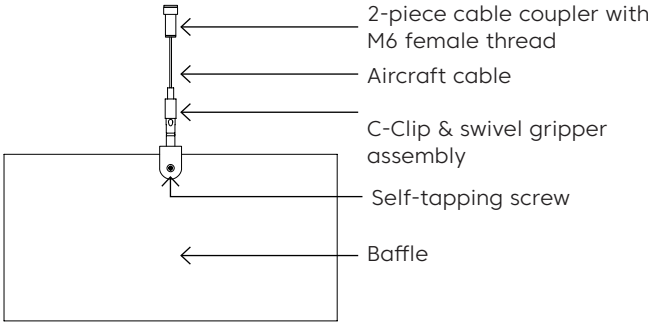
Cable



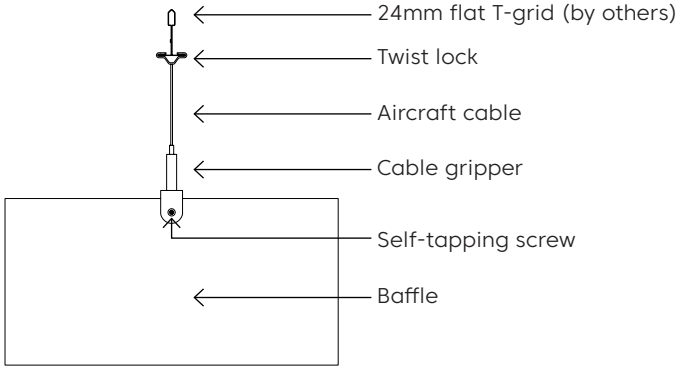
Cable to deck



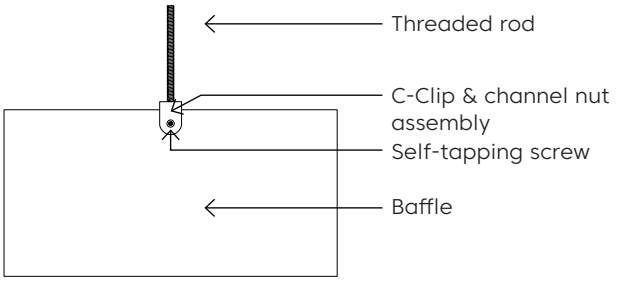
Swivel cable to deck



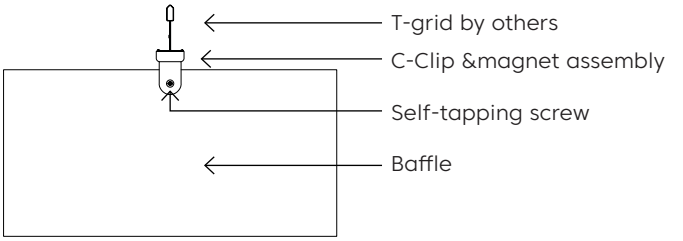
Cable to T-grid



Threaded Rod

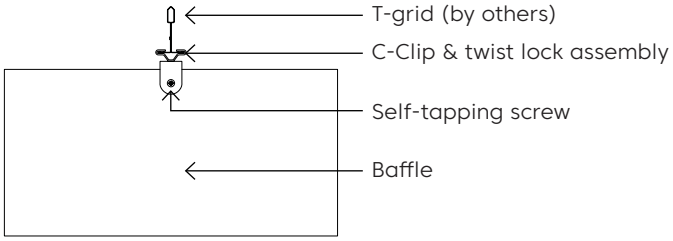


Magnet to T-grid



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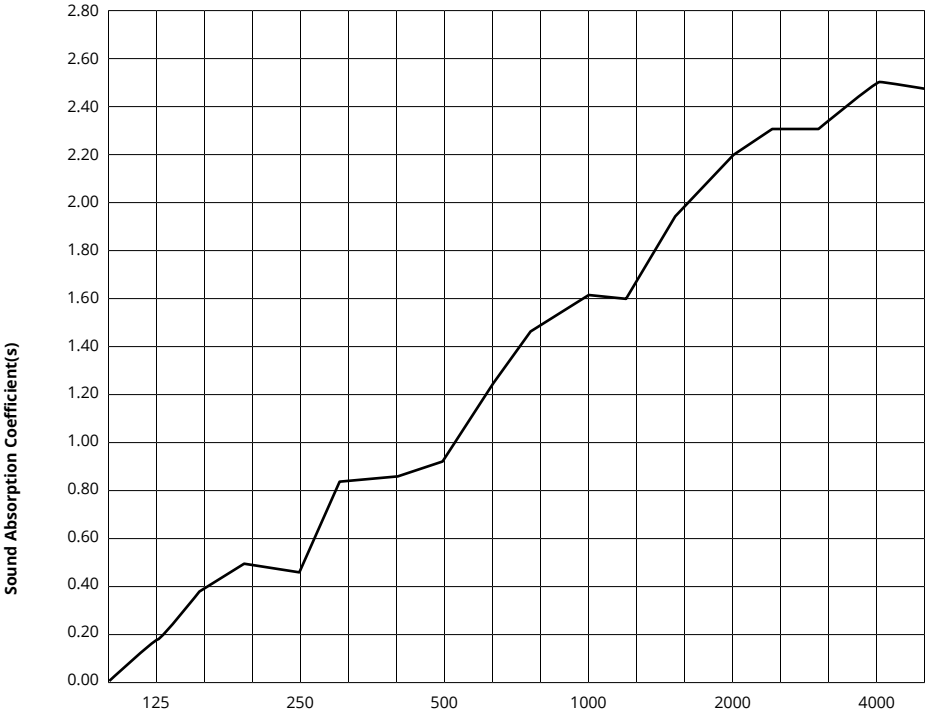
Twist lock to T-grid



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Acoustic Performance

Test Method	ASTM E795-16
Install Method	J-600
Rating Method	ASTM C423-17
Mounting Method	Sample tested 6 baffles 2794mmL x 305mm D, 12mm and 24mm thickness, sample hanging 600mm from floor and 152mm 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.

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