



Billow Connect Ceiling Baffles

WoodGrain Collection

Billow Connect is designed to work seamlessly with the original Billow Baffles, offering expanded layout options and greater flexibility to create unique configurations for a wide range of applications. Ideal for performance spaces such as theaters and auditoriums, Billow Connect enhances visual drama while integrating effortlessly into tiered seating layouts. It is equally effective in high-traffic environments like lobbies and lounges, where its dynamic presence and adaptable design deliver sound absorption in busy spaces.

Specifications

Surface	Ceiling
Material	FilaSorb™ polyester felt
Weight	2400gsm
Standard Sizes	Height: 102mm up to 305mm H (25mm increments) Width: 381mm W Depth: 51, 76mm D Length: 1219, 2438mm L



Billow Connect Ceiling Baffles in Mocha Legno

Technical

NRC Rating	1.65*
Fire Test	Test Results 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.



For questions or additional product information, visit [acoufelt.com.au](https://www.acoufelt.com.au) or call 1800 626 462

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Colorways

WOODGRAIN



Picket Fence
WQ01



Loft
WQ06



White Elm
WQ07



Lyed Larch
WQ30



White Oak
WQ13



Baltic Birch
WQ12



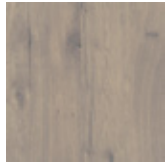
Knotty Spruce
WQ29



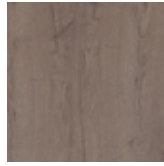
French Bobbin
WQ08



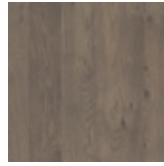
Boat Shed
WQ02



Nordic Plank
WQ15



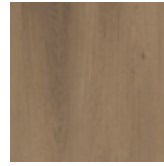
Boardwalk
WQ10



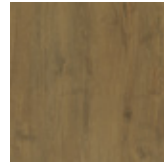
Mocha Legno
WQ25



Mountain Lodge
WQ24



Wine Barrel
WQ03



Log Cabin
WQ04



Natural Oak
WQ16



Woodland Fog
WQ22



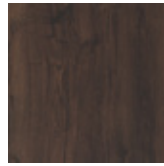
Driftwood
WQ21



Weathered Slate
WQ14



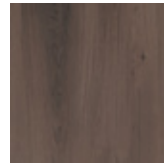
Petrified Ash
WQ23



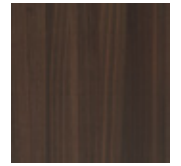
Antique Chest
WQ11



European Larch
WQ17



Fumed Oak
WQ19



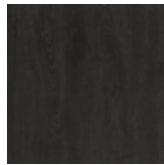
Teak
WQ18



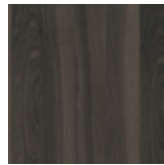
Charred Larch
WQ09



Shadow Oak
WQ28



Barn Door
WQ05



Black Walnut
WQ20



Scorched Timber
WQ26

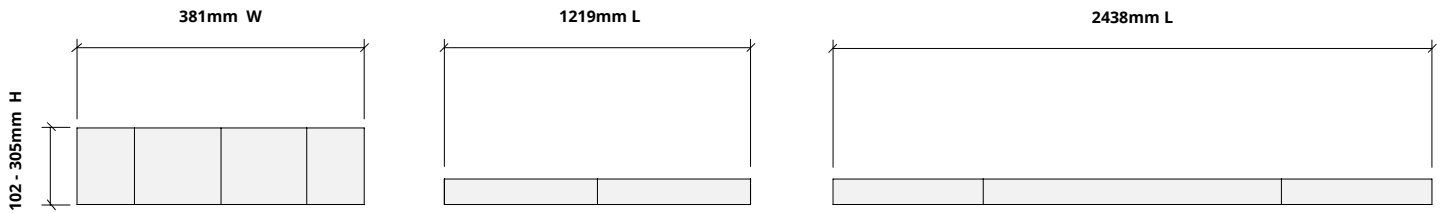


Espresso Oak
WQ27

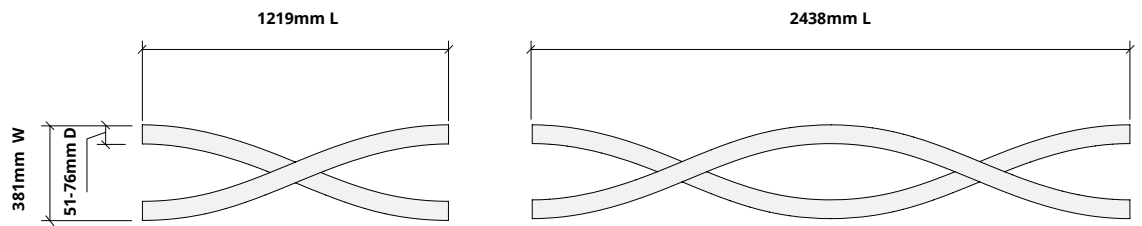
Sizes

Standard Sizes Height: 102mm up to 305mm H (25mm increments)
Width: 381mm W
Depth: 51, 76mm D
Length: 1219, 2438mm L

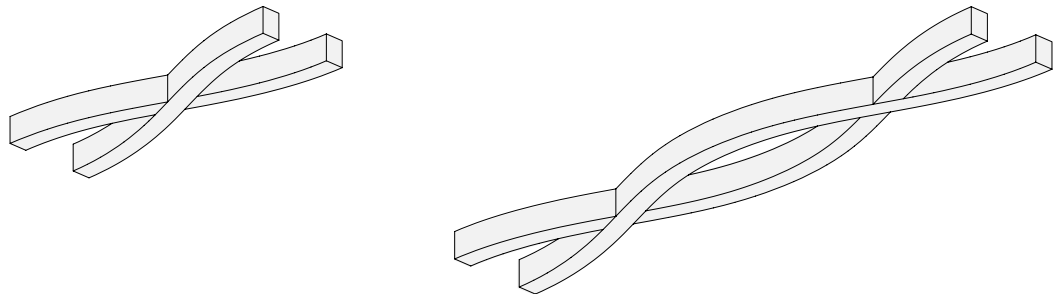
Elevation



Plan

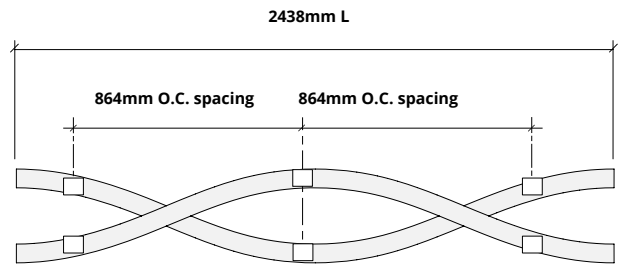
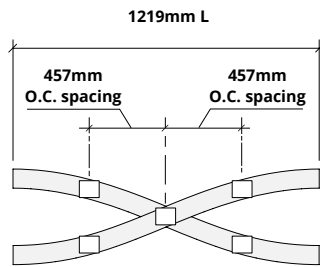
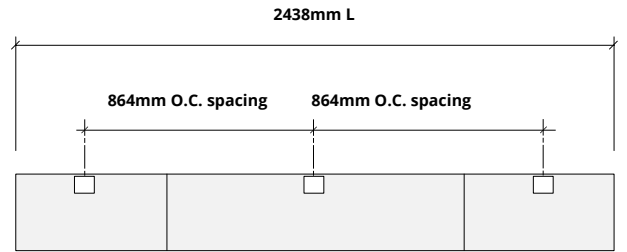
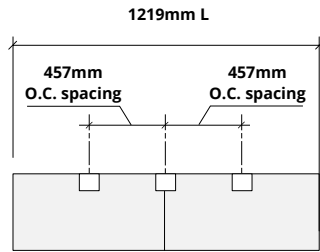


Perspective



Hardware Spacing

1219mm L	457mm on center spacing
2438mm L	864mm on center spacing



**The number of connection locations may vary depending on mounting methods.*

Recommended Layouts

Layout 1	Layout 2	Layout 3

How to Specify

1. Choose Height

2. Choose Length

3. Choose Layout

4. Choose Colorways

Select height based on desired design: 102mm up to 305mm H (25mm increments).

1. Choose Height

2. Choose Length

3. Choose Layout

4. Choose Colorways

Billow baffles come in the standard lengths of: 1168mm or 2438mm L.
Custom sizes available.

1. Choose Height

2. Choose Length

3. Choose Layout

4. Choose Colorways

See page 5 for recommended layouts.

1. Choose Height

2. Choose Length

3. Choose Layout

4. Choose Colorways

See colorway choices on page 3.

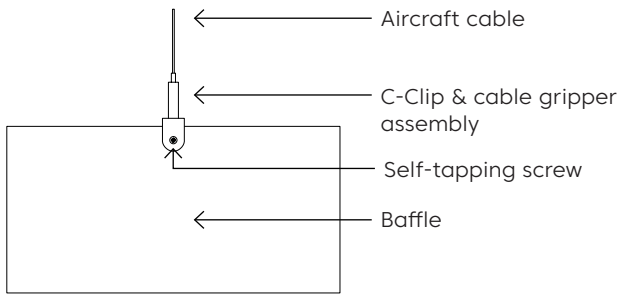


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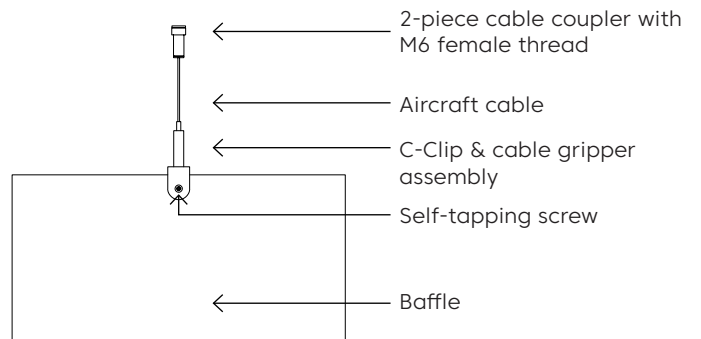
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Mounting Methods

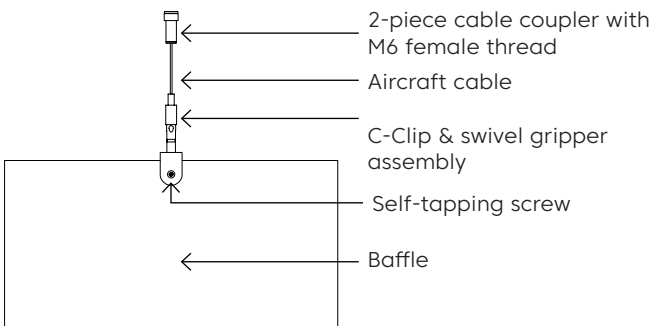
Cable



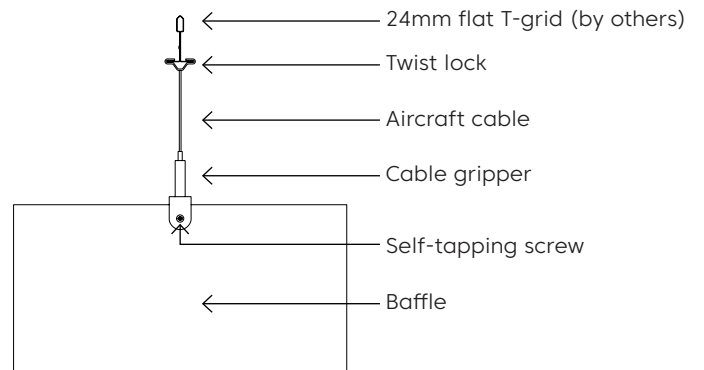
Cable to deck



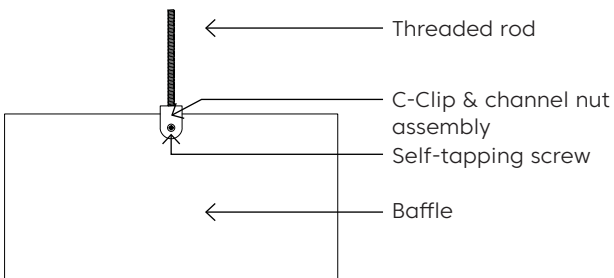
Swivel cable to deck



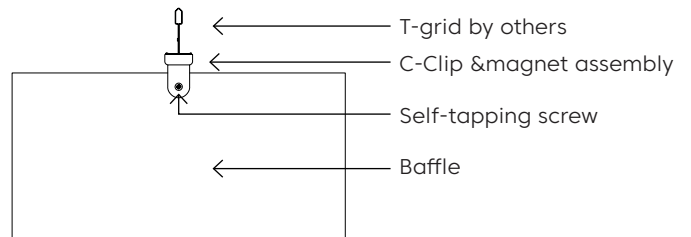
Cable to T-grid



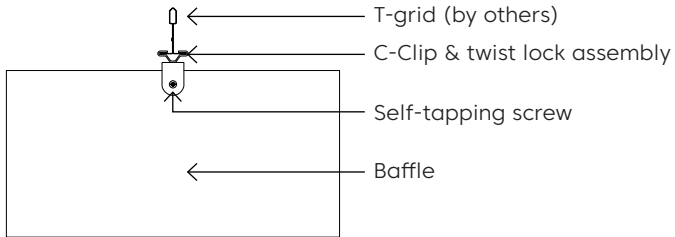
Threaded Rod



Magnet to T-grid

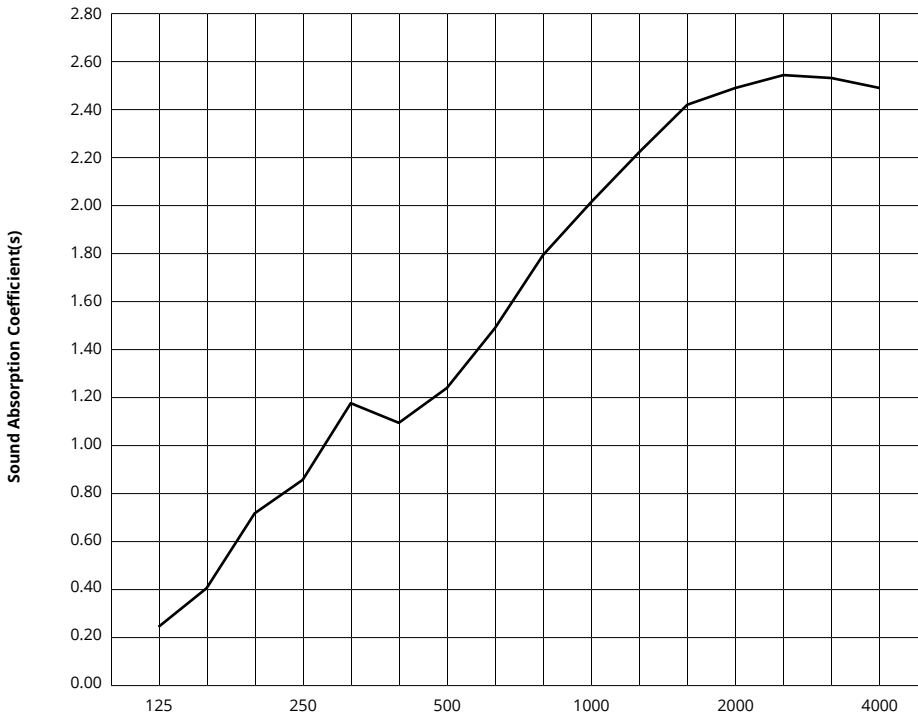


Twist lock to T-grid



Acoustic Performance

Test Method	ASTM E795-16
Install Method	J-600
Rating Method	ASTM C423-17
Mounting Method	Sample tested 5 baffles 2794mm L x 305mm D x 76mmT, 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	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.

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