

Rafter

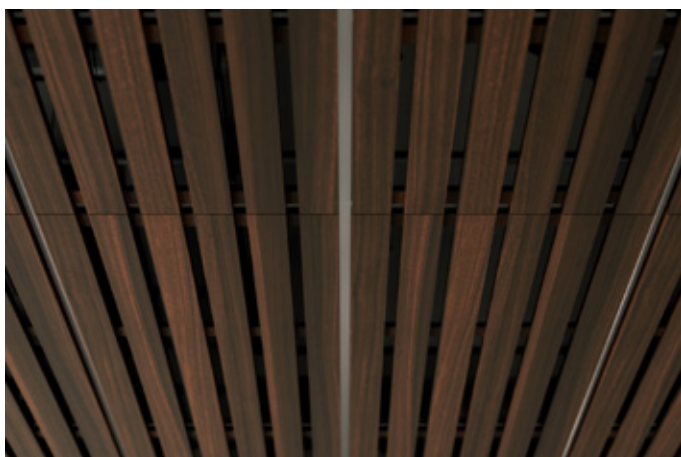
Ceiling Frames

WoodGrain Collection

Rafter is a high-performance acoustic solution that delivers both value and visual impact, pairing effective sound absorption with a bold sense of rhythm. Its open design reveals the ceiling above while installing directly to the surface, creating a clean, minimalist aesthetic that maximizes budget without compromise. Available in multiple sizes, depths, and finishes, Rafter adapts seamlessly to a wide range of design applications—elevating spaces with both function and refined style.

Specifications

Surface	Ceiling						
Material	FilaSorb™ polyester felt						
Weight	2400gsm						
Standard Sizes	Height: 25mm, 51mm H Width: 584mm W Slat width: 76, 89, 97, 109, 127, 140, 178, 191mm W Length: 610mm, 1220mm and 2440mm L						
Compatible T-grid	<table><thead><tr><th>Type</th><th>Layout</th></tr></thead><tbody><tr><td>24mm Flat</td><td>Standard 610mm x 610mm</td></tr><tr><td>14mm Flat</td><td>Standard 610mm x 610mm</td></tr></tbody></table>	Type	Layout	24mm Flat	Standard 610mm x 610mm	14mm Flat	Standard 610mm x 610mm
Type	Layout						
24mm Flat	Standard 610mm x 610mm						
14mm Flat	Standard 610mm x 610mm						



Rafter Ceiling Frames in Teak

Technical

NRC Rating	Pending product testing
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

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 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



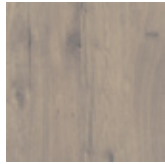
Knotty Spruce
WQ29



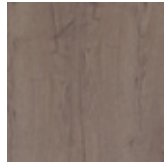
French Bobbin
WQ08



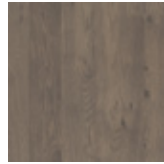
Boat Shed
WQ02



Nordic Plank
WQ15



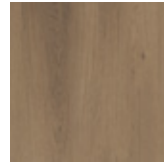
Boardwalk
WQ10



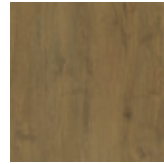
Mocha Legno
WQ25



Mountain Lodge
WQ24



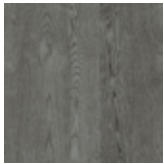
Wine Barrel
WQ03



Log Cabin
WQ04



Natural Oak
WQ16



Woodland Fog
WQ22



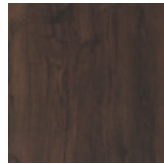
Driftwood
WQ21



Weathered Slate
WQ14



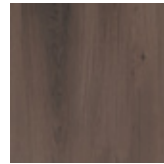
Petrified Ash
WQ23



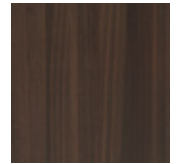
Antique Chest
WQ11



European Larch
WQ17



Fumed Oak
WQ19



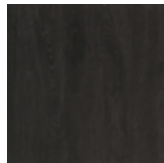
Teak
WQ18



Charred Larch
WQ09



Shadow Oak
WQ28



Barn Door
WQ05



Black Walnut
WQ20



Scorched Timber
WQ26



Espresso Oak
WQ27



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How to Specify

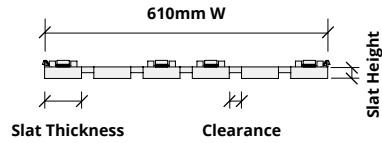
1. Choose Slat Size & Clearance

2. Choose Backer Panel Size

3. Choose Colorways

Frames are available in 3, 4, 5 or 6 slats per frame. Once the number of slats per frame is selected there are 2 heights and widths to select from; the clearance between slats is predetermined based on the number of slats and the selected slat widths. Select the desired combination from the following:

No. Slats	Height	Width	Clearance
6	25mm	76mm	25mm
6	25mm	89mm	13mm
6	51mm	76mm	25mm
6	51mm	89mm	13mm
5	25mm	97mm	25mm
5	25mm	109mm	13mm
5	51mm	97mm	25mm
5	51mm	109mm	13mm
4	25mm	127mm	25mm
4	25mm	140mm	13mm
4	51mm	127mm	25mm
4	51mm	140mm	13mm
3	25mm	178mm	25mm
3	25mm	191mm	13mm
3	51mm	178mm	25mm
3	51mm	191mm	13mm

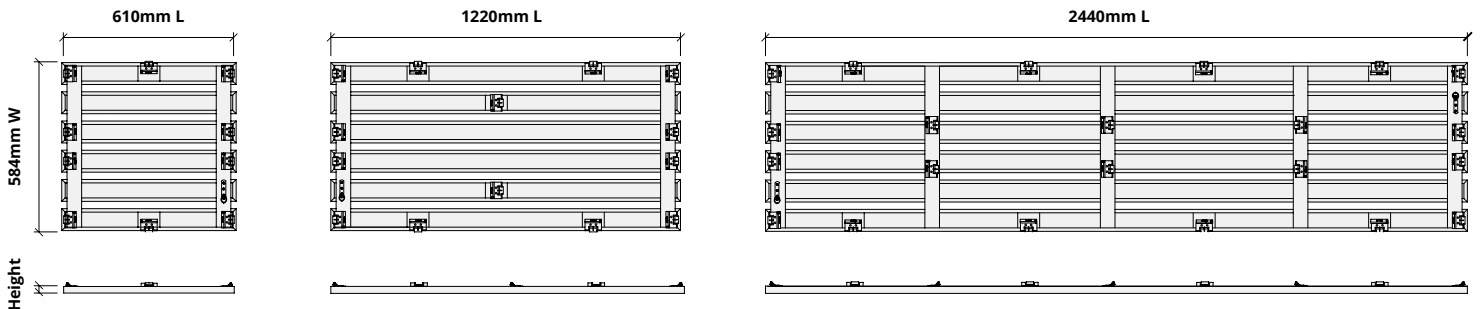


1. Choose Slat Size & Clearance

2. Choose Backer Panel Size

3. Choose Colorways

Backer panels are available in three lengths.



Example shown with 6 slats per frame.
 Clip spacing may differ. Product ships assembled.
 Safety cable comes standard on all SoftenUp™ product lines. See installation guides for additional details.

How to Specify (cont.)

1. Choose Slat Size & Clearance

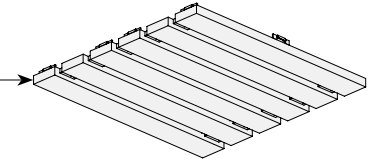
2. Choose Backer Panel Size

3. Choose Colorways

See colorway choices on page 3.

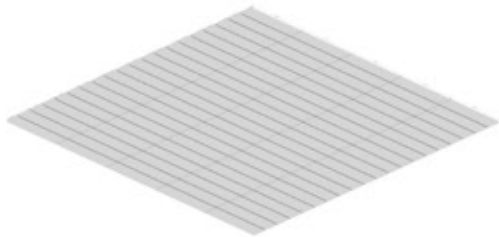
If you're specifying dark colored backer panels, we recommend dark drop ceiling grids (not provided).

Slats
Select colorway



Recommended Layouts

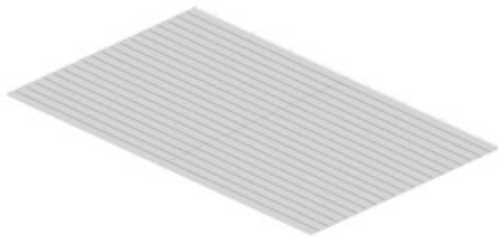
Layout 1



Layout 2

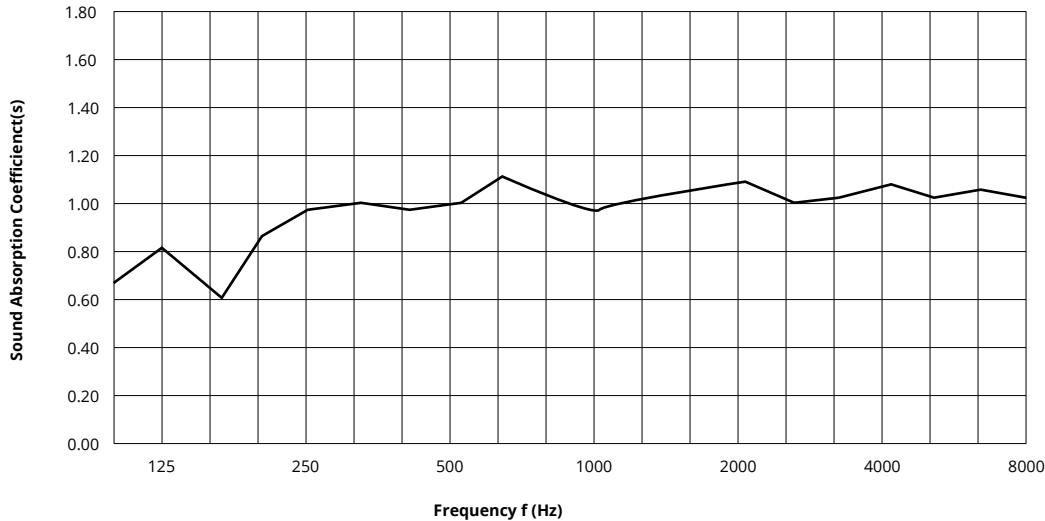


Layout 3



Acoustic Performance

Test Method	ASTM E795
Install Method	Type E-400
Rating Method	ASTM C423
Mounting Method	51mm W x 76mm H slat on 12mm backer with 400mm air gap
Test Results	NRC 0.95 SAA 0.96




Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
12mm	0.67	0.86	0.96	1.02	1.04	1.00	0.95

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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