acoufelt



Framework, Capped

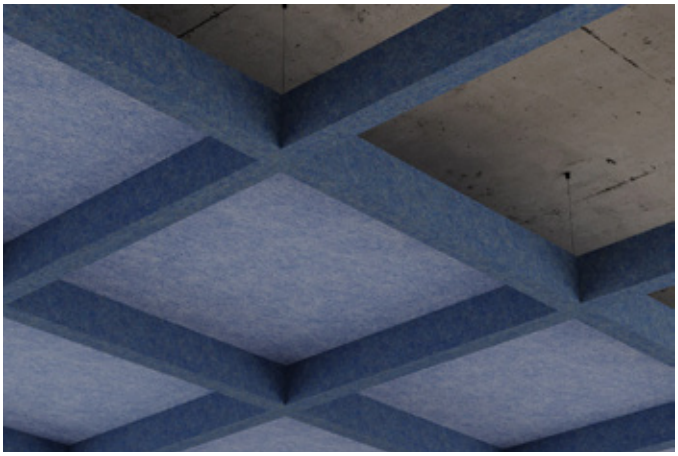
Ceiling Grids

Premier Collection

Ideal for expansive, noisy areas, Capped Framework's additional coverage intensifies performance by increasing the sound-absorbing surface area of a Framework ceiling grid. Complement an open Framework design by specifying a cap to areas that would benefit from increased noise reduction and enjoy the bonus of concealing ductwork, cabling, and other fixtures that are not required to be exposed.

Specifications

Surface	Ceiling		
Material	FilaSorb™ polyester felt		
Weight	2400gsm		
Standard Sizes	**Cell**	**Height**	**Thickness**
	600 x 600mm 900 x 900mm 1200 x 1200mm	150, 200, 255mm H	50, 75, or 100mmT
	Custom sizes available		



Framework, Capped Ceiling Grid in Marine and Periwinkle

Technical

NRC Rating	1.65*
Fire Test	AS ISO 9705:2003 (according to AS 5637.1:2015 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

** 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

White
WH12


Milkyway
MI74


Ivory
IV11

Pearl
PE21


Valentine
VA70


Quartz
QU67


Stonewash
ST72


Sea Salt
SE57


Platinum
PL04


Almond
AL55


Pistachio
PI25


Turmeric
TU60


Flamingo
FL61


Amethyst
AM69


Periwinkle
PE23


Peacock
PE20


Metal
ME03


Mushroom
MU75


Celery
CE65


Wheat
WH68


Peach
PE19


Lilac
LI13


Marine
MA15


Sencha
SE58


Grey
GR02


Umber
UM54


Wasabi
WA29


Popcorn
PO26


Currant
CU59


Berry
BE06


Azure
AZ05


Oregano
OR18


Charcoal
CH01


Walnut
WA56


Eucalyptus
EU71


Carrot
CA08


Loganberry
LO77


Granite
GR62


Denim
DE09


Kale
KA12

Piano Black
PI24

Slate
SL27

Nori
NO76

Peppercorn
PE22

Shiraz
SH63

Flint
FL64

Midnight
MI16

For questions or additional product information,
visit acoufelt.com.au or call 1800 626 462

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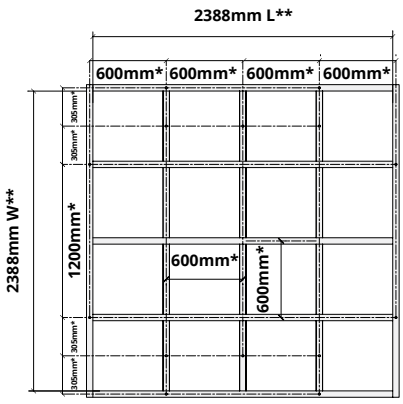
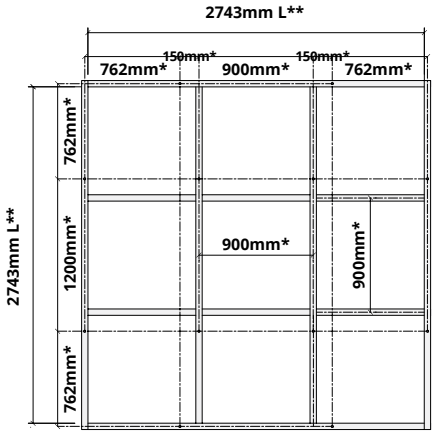
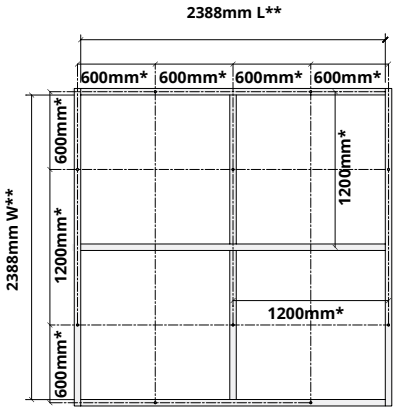
Sizes

Standard Sizes	Cell	Height	Thickness
	600mm x 600mm 900mm x 900mm 1200mm x 1200mm *Custom sizes available*	150, 200, 255mm H	50, 75, 100mmT

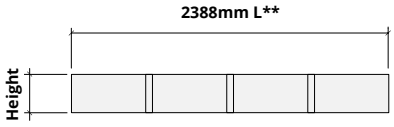
Plans

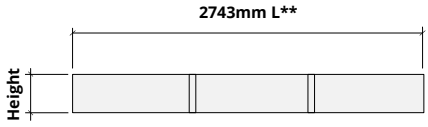


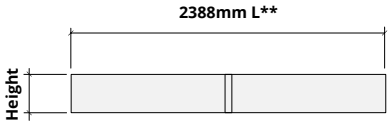




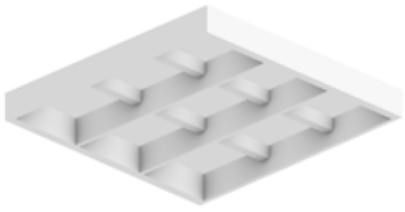
Elevations







Perspectives







** On center spacing*
***Overall width and length is contingent on specified depth. Drawings are 50mmT.*

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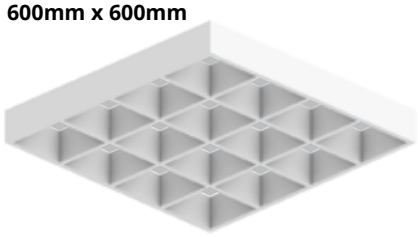
How to Specify

1. Choose Cell Size | 2. Choose Slat Sizes | 3. Choose Colorways

Cells are available in three sizes:

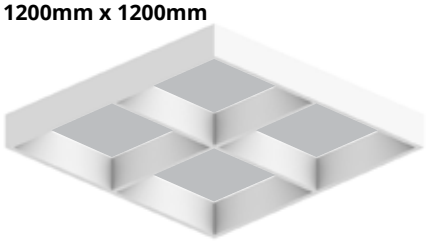
600mm x 600mm



900mm x 900mm



1200mm x 1200mm



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1. Choose Cell Size | **2. Choose Slat Sizes** | 3. Choose Colorways

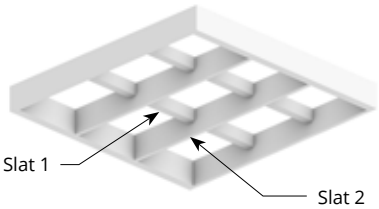
Slats are available in 2 size options.

A: Consistent Sizes



Slat Size
50mm T x 150mm H
50mm T x 200mm H
50mm T x 275mm H
75mm T x 150mm H
75mm T x 200mm H
75mm T x 275mm H
100mm T x 150mm H
100mm T x 200mm H
100mm T x 275mm H

B: Varied Sizes



Height ratio from Slat 1 to Slat 2 is 2:1

Slat 1 Size	Slat 2 Size
50mmT x 75mmH	50mmT x 150mmH
50mmT x 100mmH	50mmT x 200mmH
50mmT x 125mmH	50mmT x 255mmH
75mmT x 75mmH	75mmT x 150mmH
75mmT x 100mmH	75mmT x 200mmH
75mmT x 125mmH	75mmT x 255mmH
100mmT x 75mmH	100mmT x 150mmH
100mmT x 100mmH	100mmT x 200mmH
100mmT x 125mmH	100mmT x 255mmH
50mmT x 75mmH	100mmT x 150mmH
50mmT x 100mmH	100mmT x 200mmH
50mmT x 125mmH	100mmT x 255mmH
100mmT x 75mmH	50mmT x 150mmH
100mmT x 100mmH	50mmT x 200mmH
100mmT x 125mmH	50mmT x 255mmH

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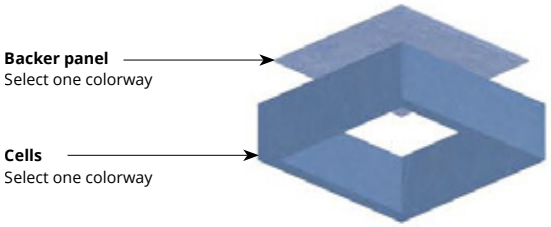
1. Choose Cell Size | 2. Choose Slat Sizes | **3. Choose Colorways**

Select one colorway for your cells and one colorway for your backer panel.
See colorway choices on page 3.



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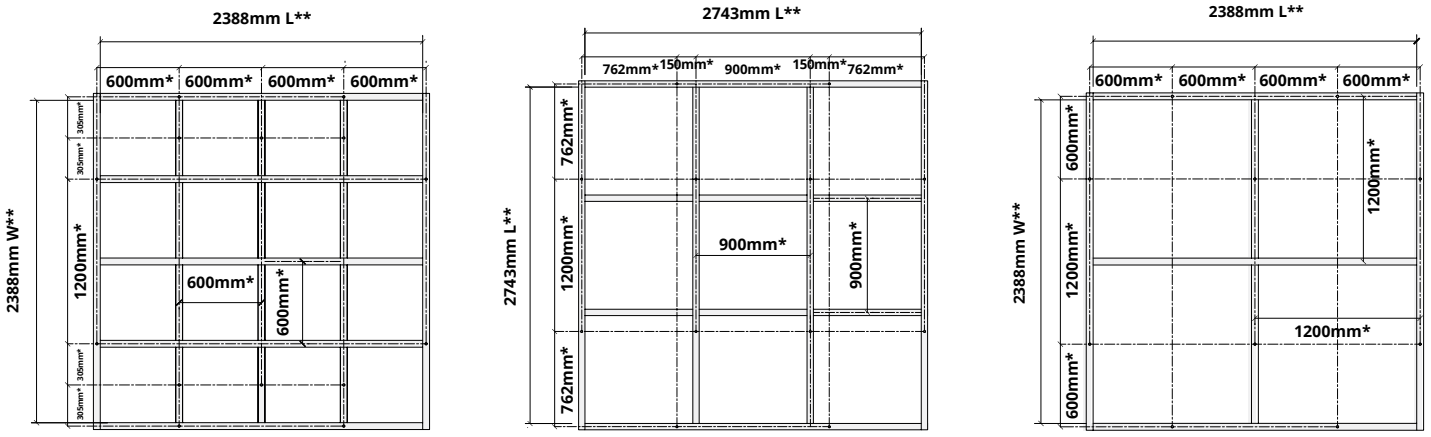
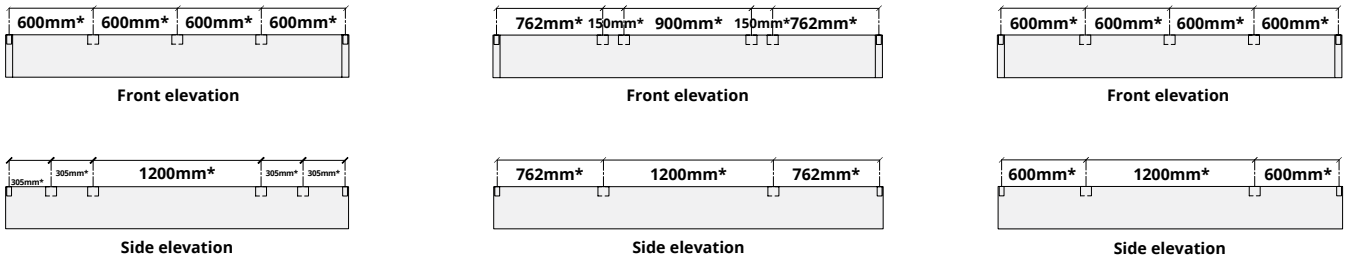
Hardware Spacing

600mm x 600mm	Front: 600, 600, 600, 600mm on center spacing Side: 305, 305, 1200, 305, 305mm on center spacing
900mm x 900mm	Front: 762, 150, 900, 150, 900mm on center spacing Side: 762, 1200, 762mm on center spacing
1200mm x 1200mm	Front: 600, 600, 600, 600mm on center spacing Side: 600, 1200, 600mm on center spacing

Plans



Elevations



** On center spacing*

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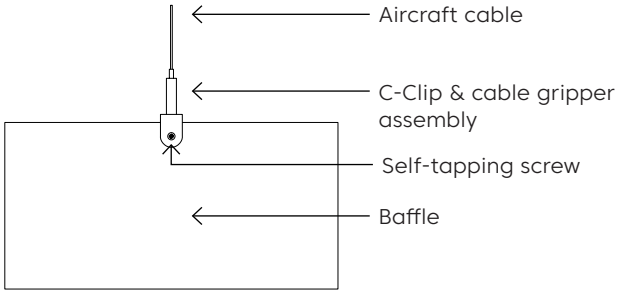
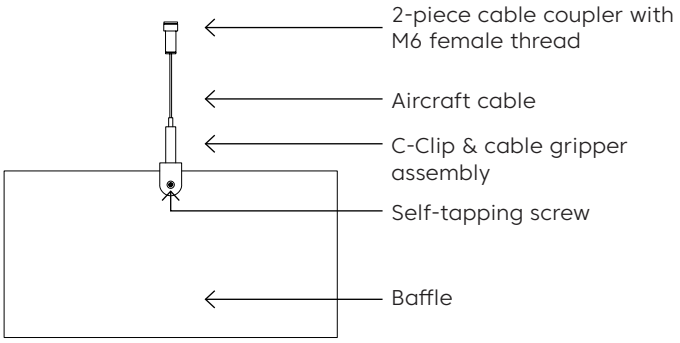
Mounting Methods

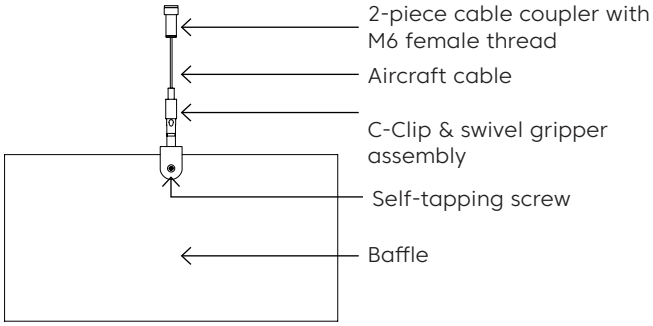
Cable



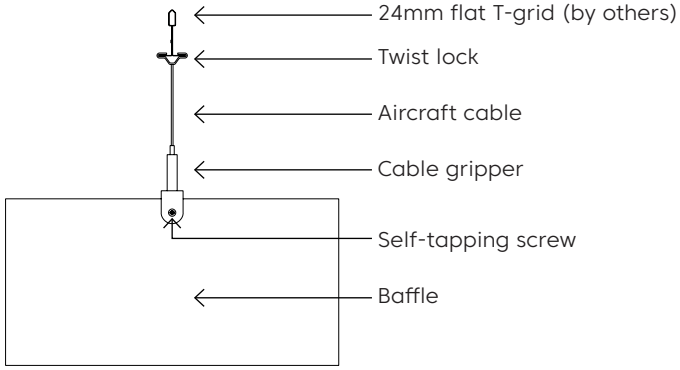
Cable to deck



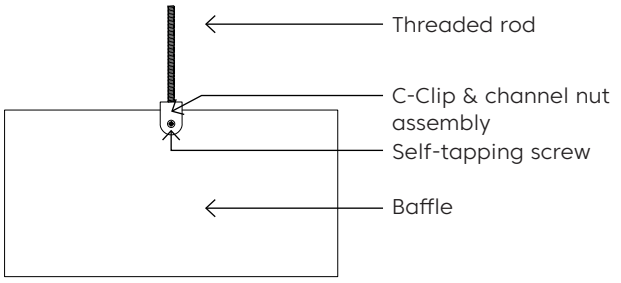
Swivel cable to deck



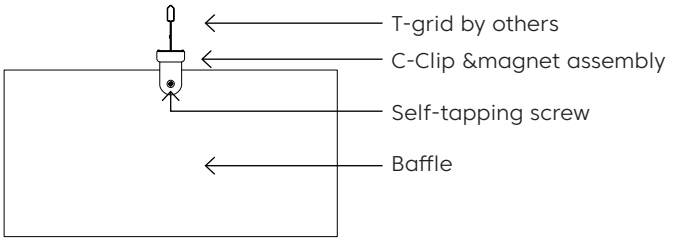
Cable to T-grid



Threaded Rod



Magnet to T-grid



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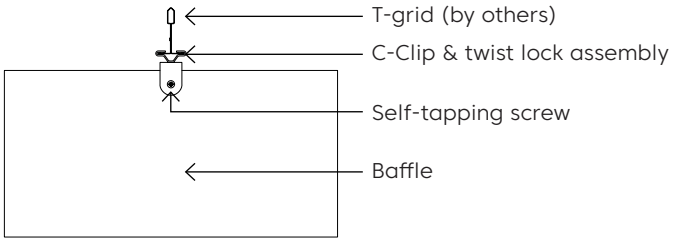
Twist lock to T-grid



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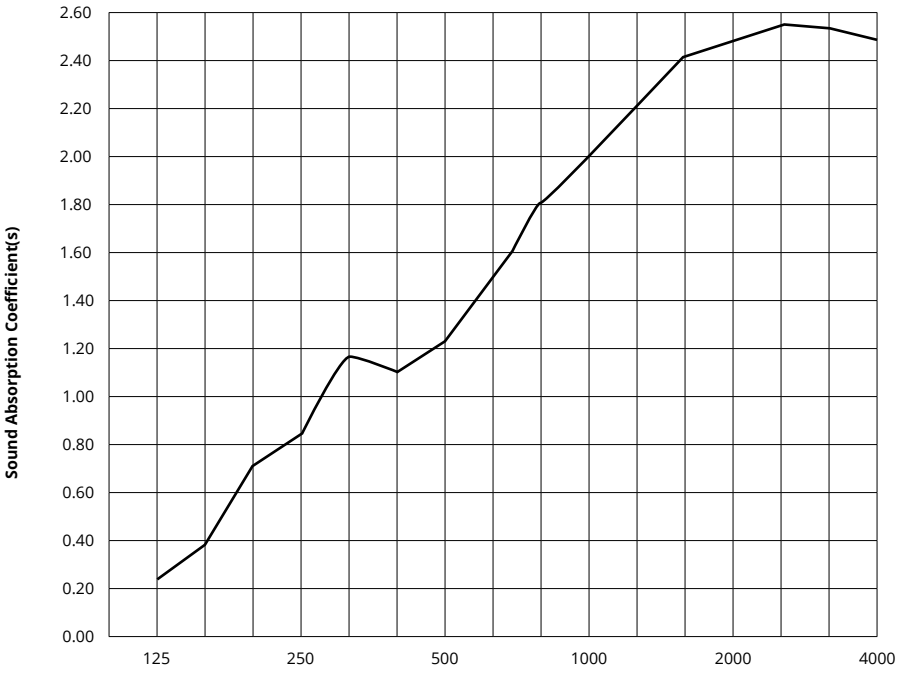
Acoustic Performance

Test Method	ASTM E795-16
Install Method	J-600
Rating Method	ASTM C423-17
Mounting Method	Sample tested 6 baffles 2794mmL x 305mm D x 75mm thickness, hanging 600mm from floor and 150mm from each other
Test Results	NRC 1.65 SAA 1.68



Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
75mm 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.

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