acoufelt



# Framework, Frameless

## Ceiling Grids

Premier Collection

Often less is more. Frameless's design provides an open ceiling aesthetic while delivering the perfect amount of sound-absorbing surface area for spaces where some noise is expected and acceptable. With an expansive offering of different thicknesses and heights, Frameless can be specified to be unique in different spaces. The Frameless design allows the utmost flexibility when installed around other ceiling components such as sprinklers, speakers, and lighting.

## Specifications

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



**Framework, Frameless in Pistachio**

## Technical

| | |
|---|---|
| **NRC Rating** | 1.65* |
| **Fire Test** | AS ISO 9705:2003<br>(according to AS 5637.1:2015 requirements)<br>Group 1<br>0.93 |
| **Water Sorption** | ASTM C1104-2019 (A Modified)<br>Water sorbed by weight: 0.20%<br>(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*<br>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<br>(third-party verified)<br>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

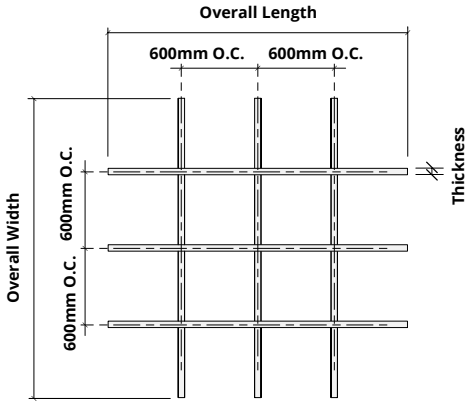


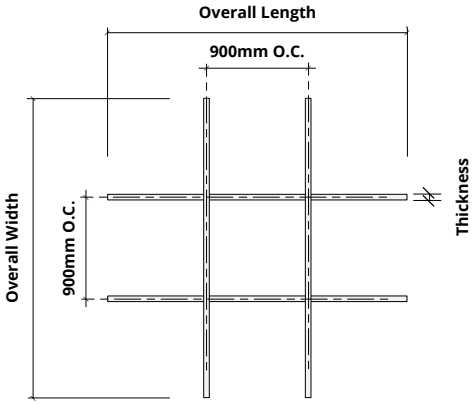
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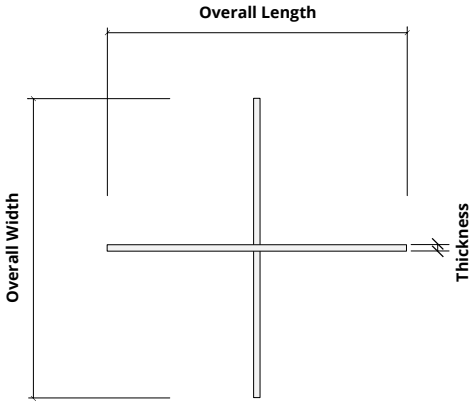
# Sizes

| Standard Sizes | Cell | Height | Thickness |
|---|---|---|---|
| | 600 x 600mm<br>900 x 900mm<br>1200 x 1200mm<br>*Custom sizes available* | 150, 200,<br>255mm H | 50, 75, or<br>100mmT |

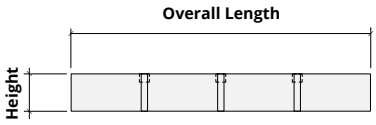
## Plans

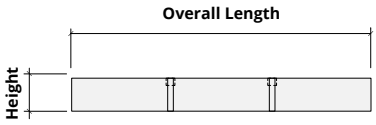


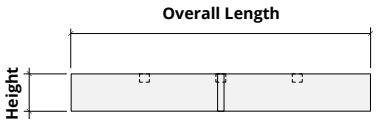




## Elevations




## Perspectives









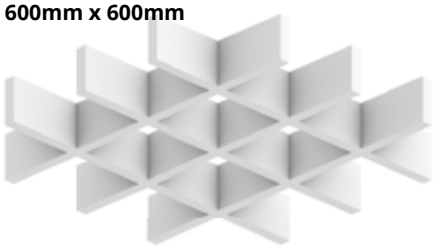
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# How to Specify

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

Grids are available in three size:  600mm x 600mm, 900mm x 900mm, and 1200mm x 1200mm.

**600mm x 600mm**





**1200mm x 1200mm**



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

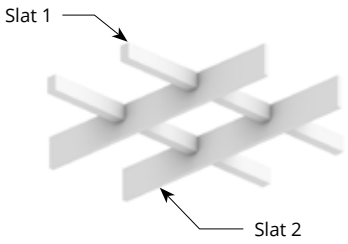
Slats are available in 2 size options.

**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 Slat Size** | **2. Choose Backer Panel Size** | **3. Choose Colorways**

See colorway choices on the page 3.

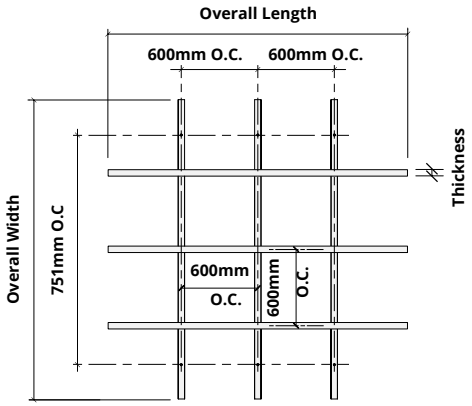


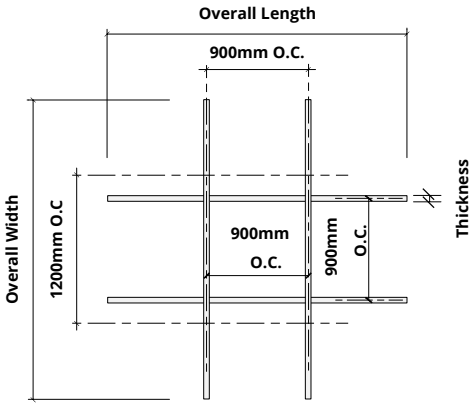
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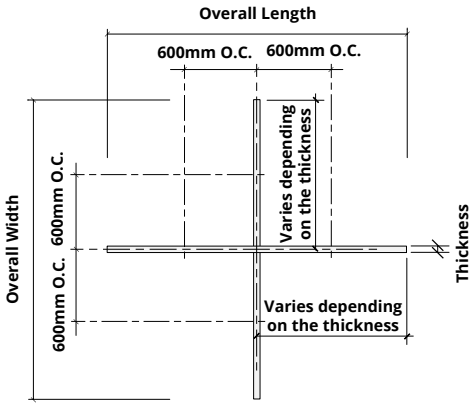
# Hardware Spacing

| | |
|---|---|
| **600mm x 600mm** | 600mm  on center spacing |
| **900mm x 900mm** | 900mm on center spacing |
| **1200mm x 1200mm** | 600mm on center spacing |

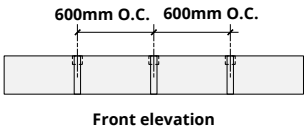
**Plans**

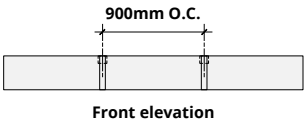


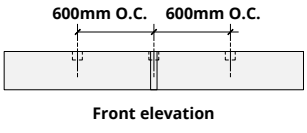




**Elevations**



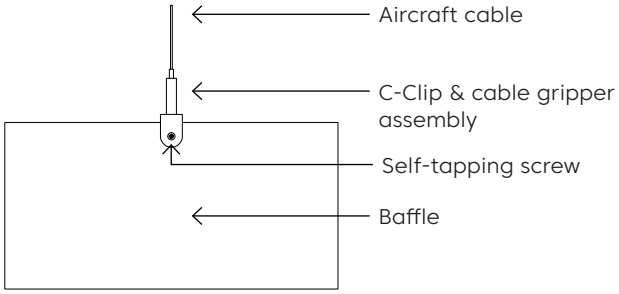



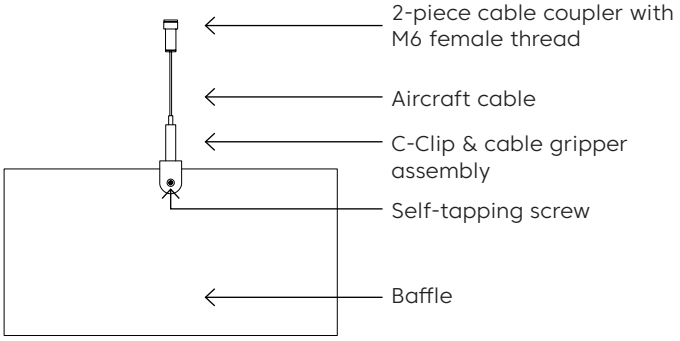



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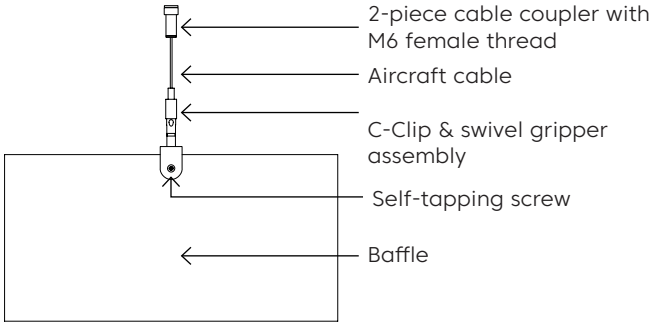
## Cable



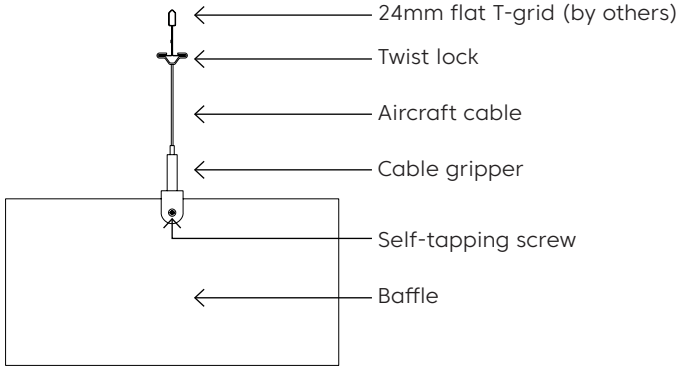

## Cable to deck



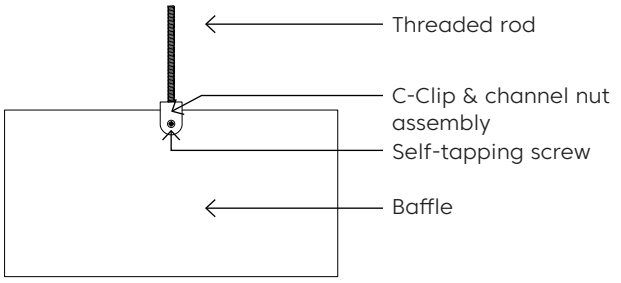

## Swivel cable to deck



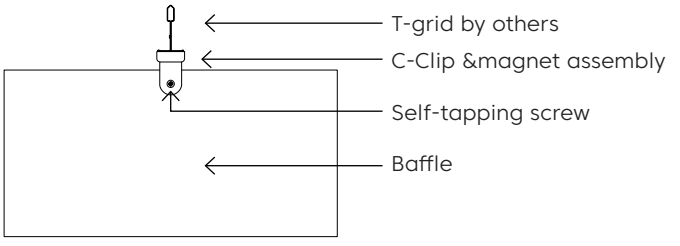

## Cable to T-grid




## Threaded Rod



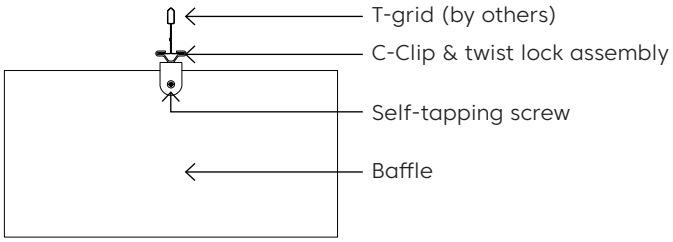

## Magnet to T-grid






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## Twist lock to T-grid

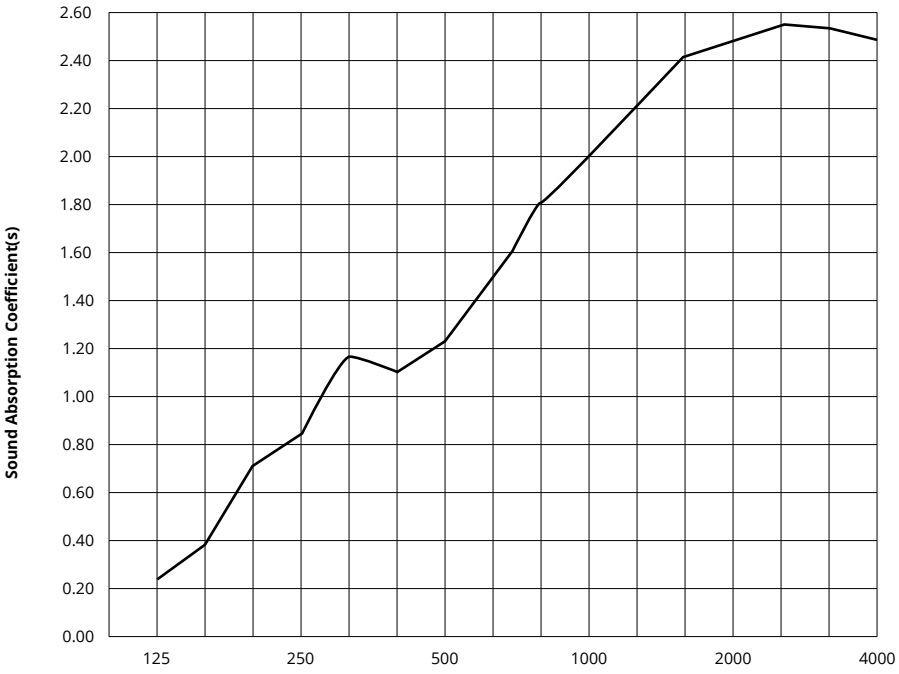





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# Acoustic Performance

| | |
|---|---|
| **Test Method** | ASTM E795-16 |
| **Install Method** | J-600 |
| **Rating Method** | ASTM C423-17 |
| **Mounting Method** | Sample tested 6 baffles 2794mm L x 305mm H x 75mm T, hanging 600mm from floor and 152mm from each other |
| **Test Results** | NRC 1.65<br>SAA 1.68 |




| Frequency f (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | NRC |
|---|---|---|---|---|---|---|---|
| 76mm 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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