

acoufelt
making quiet

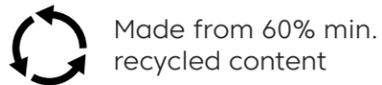
Beveled Panels



Specifications

| | |
|-------------------------|--|
| Application | Wall |
| Material | FilaSorb™ polyester felt |
| Recycled content | 60% min. rPET |
| Thickness | 12 & 24mm +/- 10% |
| Weight | 12mm - 2400gsm 24mm - 4800gsm |
| Dimensions | Width – 305, 610, 915 & 1220mm Height – 610, 915, 1220, 1525, 1830 2135, 2440 & 2800mm |

Sustainability



Made from 60% min. recycled content



Material 'Take Back' program allows our product to be recycled



Acoustic Felt material is made with 30-40% solar energy*
*made in Thailand



Technical Data

| | |
|--|--|
| 12mm | |
| Fire test method | AS ISO 9705:2033 (according to AS 5637.7:2015 requirements) |
| Group number | Group 1 |
| SMOGR_{RC} (in m ² /s ² x 1000) | 0.93 |
| 24mm | |
| Fire test | Pending |
| 12 & 24mm | |
| Total VOC test method | SCS-EC10.3-2014 v4.0 meeting standard CDPH/EHLB Standard Method v.1.2-2017 |
| Total VOC result | ≤ 0.5mg/m ³ |
| Colorfastness test method | ISO 105-B02 |
| Rating | 6-7 |
| Water vapour sorption method | ASTM C1104-2019 (Procedure A Modified) |
| Water sorbed by weight | 0.20% (results based on a 12mm thick panel) |

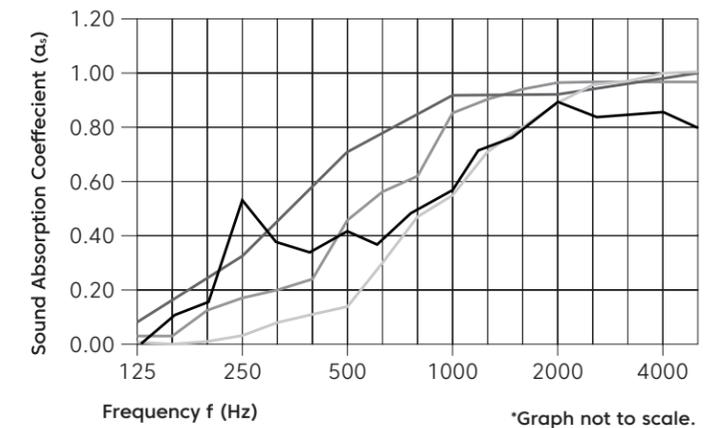
Details

| | |
|---------------------------------|-----------|
| Lead time | 3-6 weeks |
| Origin | Australia |
| Warranty against defects | 20 years* |
| Colorfastness warranty | 20 years* |

*conditions apply

Acoustic Performance

| | | |
|----------------------------|--|---------------------|
| Test method | AS ISO 354-2006: Acoustic - Measurement of sound absorption in a reverberation room | |
| Installation method | A, tested with no air gap, 20mm air gap, 50mm air gap | |
| Rating method | ISO 11654-1997 Acoustic – sound absorbers for use in buildings – rating of sound absorption | |
| Test results | <u>12mm</u> | <u>24mm</u> |
| | NRC 0.45 no air gap | NRC 0.60 no air gap |
| | NRC 0.60 20mm air gap | |
| | NRC 0.75 50mm air gap | |
| | SAA 0.43 no air gap | SAA 0.55 no air gap |
| | SAA 0.61 20mm air gap | |
| | SAA 0.72 50mm air gap | |



| | Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | NRC |
|------|-----------------------------|------|------|------|------|------|------|------|
| 12mm | α _s no air gap | 0.00 | 0.05 | 0.20 | 0.55 | 0.85 | 1.00 | 0.45 |
| | α _s 20mm air gap | 0.05 | 0.15 | 0.45 | 0.85 | 0.95 | 0.95 | 0.60 |
| | α _s 50mm air gap | 0.10 | 0.35 | 0.70 | 0.90 | 0.90 | 0.95 | 0.75 |
| 24mm | α _s no air gap | 0.02 | 0.57 | 0.41 | 0.58 | 0.87 | 0.85 | 0.60 |

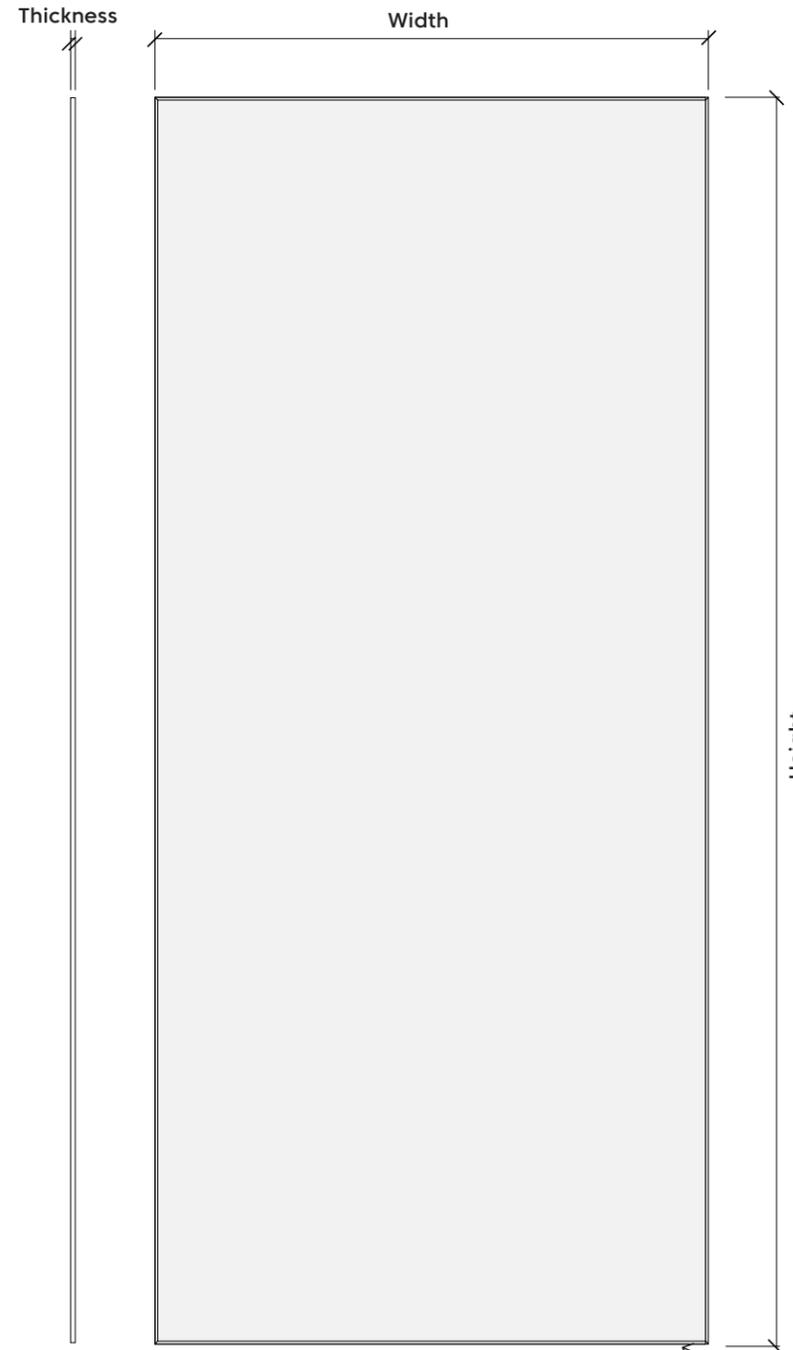
Performance Indices: **Noise Reduction Coefficient (NRC)** results represent the absorption coefficients measured at the one third octaves bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customisation 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

Beveled Sizes

Sizes

| | |
|-----------|---|
| Width | 305, 610, 915 & 1220mm |
| Height | 610, 915, 1220, 1525, 1830, 2135, 2440 & 2800mm |
| Thickness | 12 & 24mm |

Elevation



Perspective



FilaSorb™ Colorways

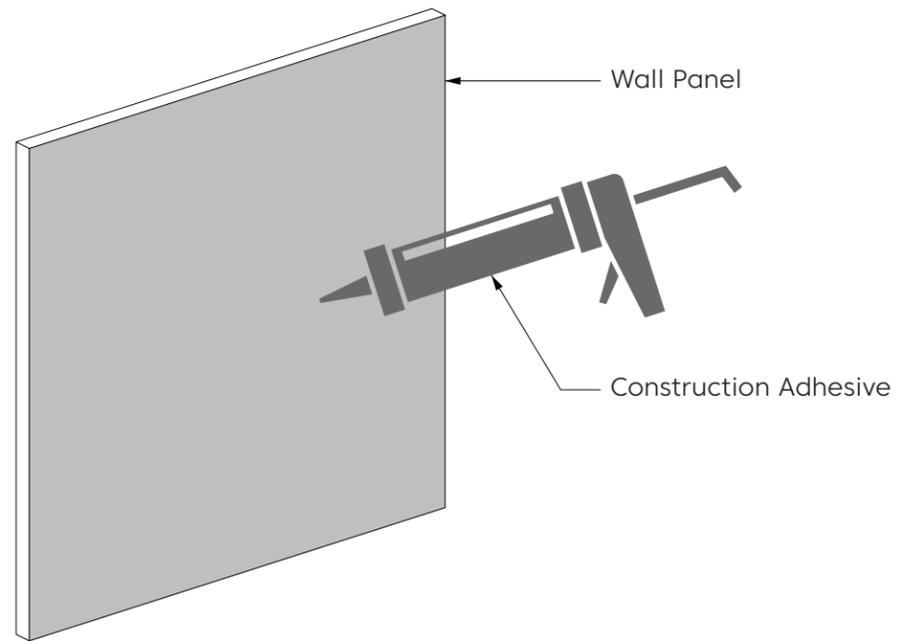


Can't find a color?

We are constantly updating our palette, which includes adding and discontinuing certain color lines. If you can't find the color you are looking for, please contact us with your color request, as we may still have stock available.

Mounting Methods

Construction Adhesive



Adhesive backing

