

acoufelt
making quiet



Filter
Panels

Specifications

Application	Wall
Material	FilaSorb™ polyester felt
Recycled content	60% min. rPET
Thickness	12mm +/- 10%
Weight	2400gsm
Dimensions	Width – 600mm Depth – 75mm Height – 1200 & 2800mm Custom sizes available

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

Fire test method	AS ISO 9705:2033 (according to AS 5637.7:2015 requirements)
Group number SMOGR _{ARC} (in m2/s2 x 1000)	Group 1 0.93
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 Rating	ISO 105-B02 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)

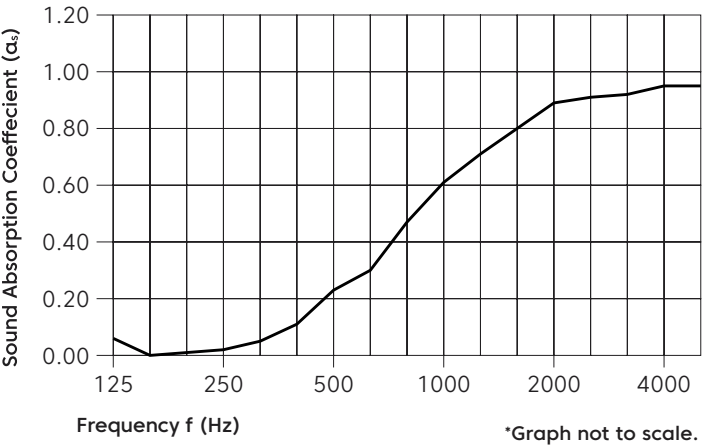
Details

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
Rating method	ISO 11654-1997 Acoustic – sound absorbers for use in buildings – rating of sound absorption
Test results	NRC 0.45 no air gap* SAA 0.43 no air gap*



Frequency (Hz)	125	250	500	1000	2000	4000	NRC
α _s no air gap	0.06	0.02	0.23	0.61	0.89	0.95	0.45

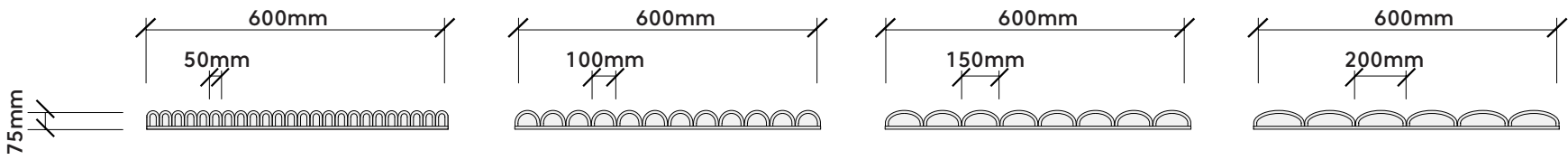
Performance Indices: **Noise Reduction Coefficient (NRC)** results represent the absorption coefficients measured at the one third octaves bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customisation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

Filter Designs

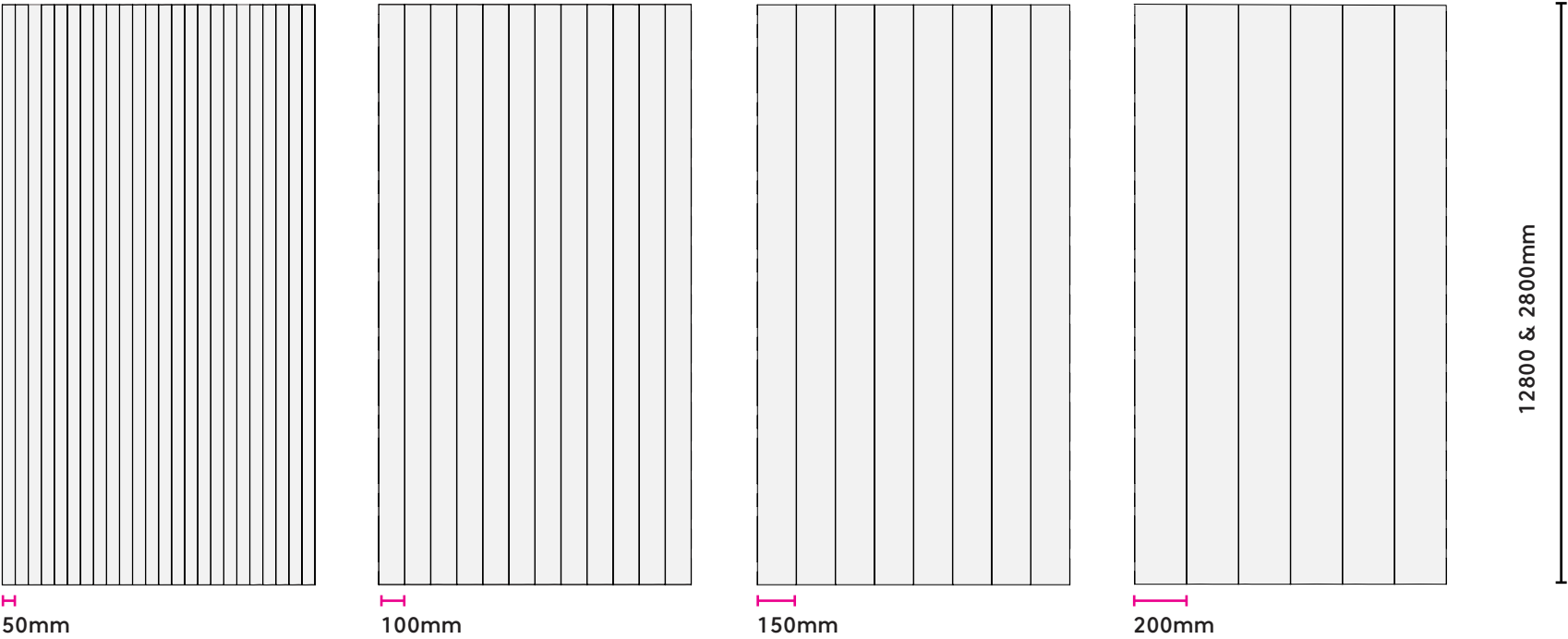
Sizes

Width	Panel width – 600mm Scallop widths – 50, 100, 150 & 200mm
Depth	75mm
Length	1200 & 2800mm Custom sizes available

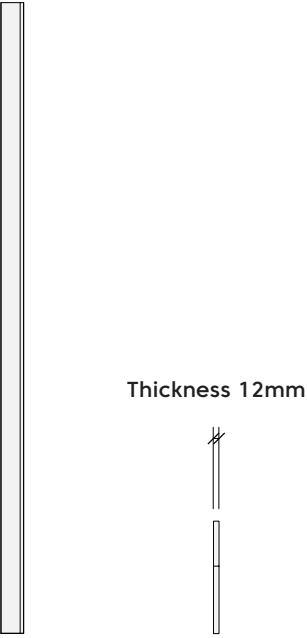
Plan



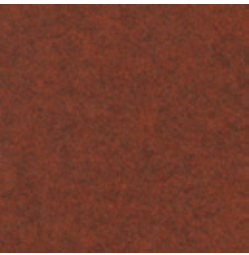
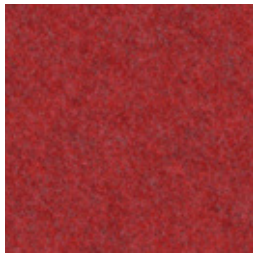





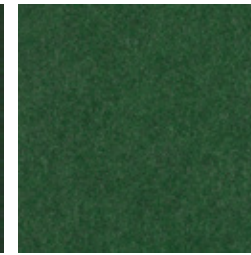

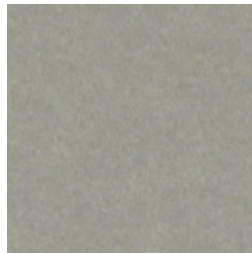
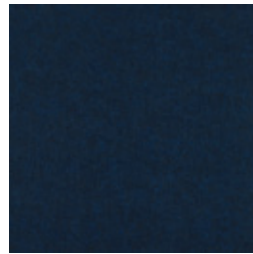
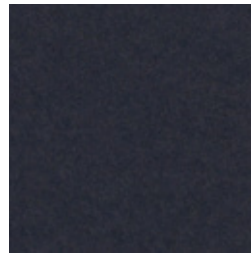
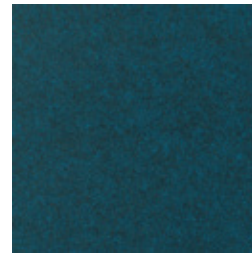
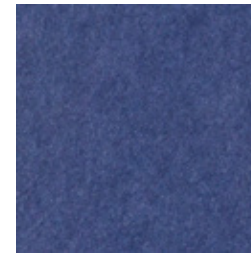

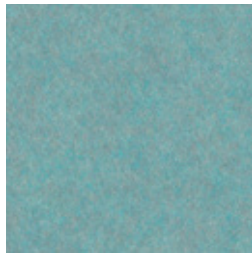
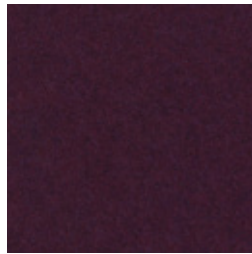

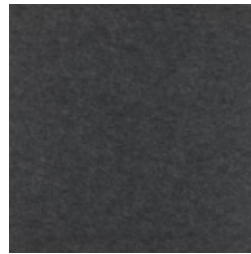

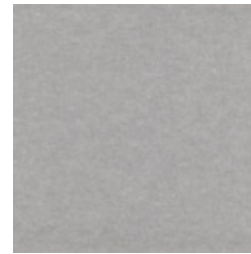



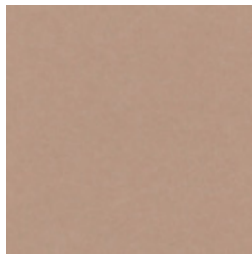


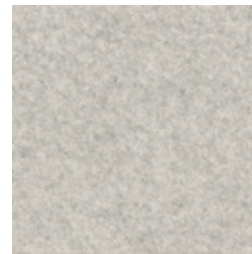
Elevation



Side Elevation



FilaSorb™ Colorways

										
Peppercorn PE22	Currant CU59	Carrot CA08	Peach PE19	Flamingo FL61	Valentine VA70	Turmeric TU60	Wheat WH68	Kale KA12	Oregano OR18	Sencha SE58
										
Celery CE65	Eucalyptus EU71	Wasabi WA29	Pistachio PI25	Midnight MI16	Flint FL64	Granite GR62	Denim DE09	Iris IR10	Azur AZ05	Marine MA15
										
Stonewash ST72	Periwinkle PE23	Sea Salt SE57	Shiraz SH63	Piano Black PI24	Charcoal CH01	Slate SL27	Grey GR02	Metal ME03	Platinum PL04	Walnut WA56
										
Umber UM54	Amethyst AM69	Quartz QU67	Almond AL55	Ivory IV11	Pearl PE21	White WH12	Milkyway MI74			

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

