

acoufelt
making quiet



Opus
Panels

Specifications

Application	Wall
Material	FilaSorb™ polyester felt
Recycled content	60% min. rPET
Thickness	14mm +/- 10% (12mm backing panel + 2mm skin)
Weight	2800gsm
Dimensions	1220 x 2800mm Custom size available upon request

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

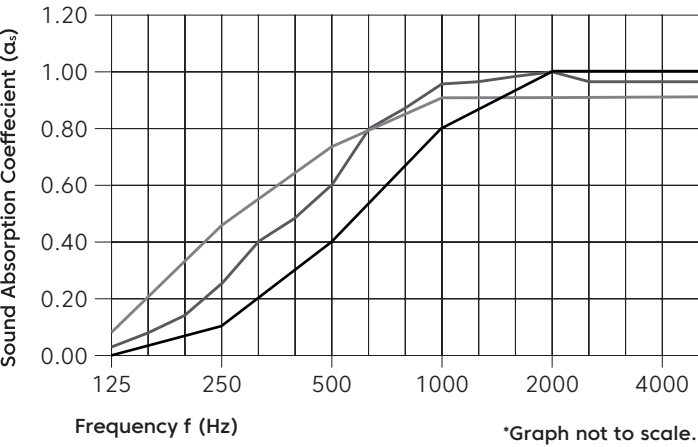
Fire test method	AS ISO 9705:2003 (according to AS 5637.1:2015 requirements)
Group number SMOGR _{RC} (in m2/s2 x 1000)	Group 1 2.99
Total VOC test method	SCS-EC10.3-2014 v4.0 meeting standard CDPH/EHLB Standard Method v.1.2-2017
Total VOC result	≤ 0.5mg/m ³
Colorfastness test method Rating	ISO 105-B02 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	1-2 days for colors in stock 6-8 weeks for colors not in stock* *Please contact us to confirm availability.
Origin	Australia
Warranty against defects	20 years*
Colorfastness warranty	20 years* *conditions apply

Acoustic Performance

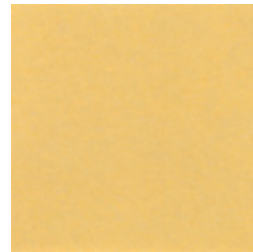
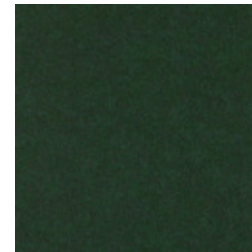
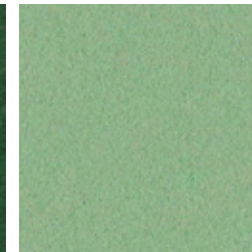
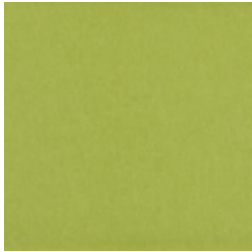
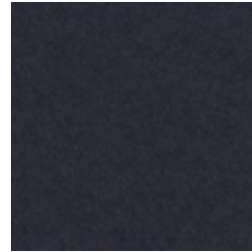
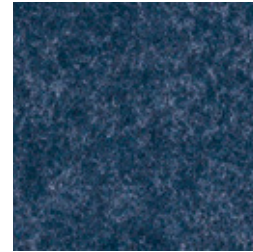
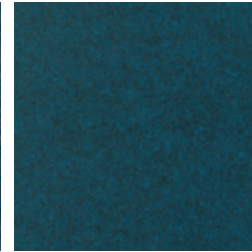
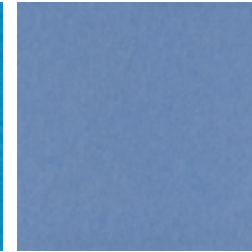
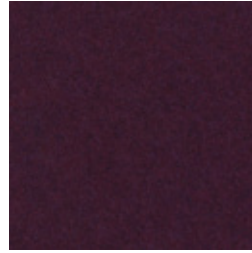
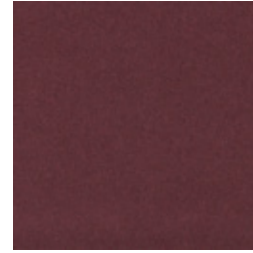
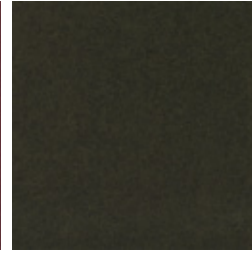
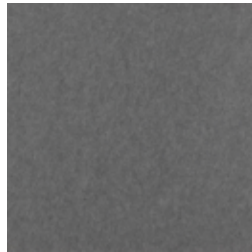
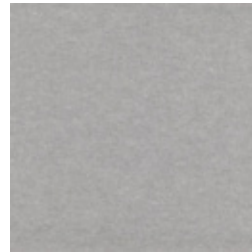
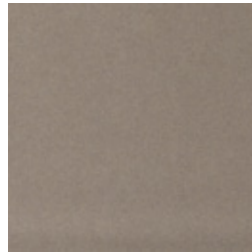
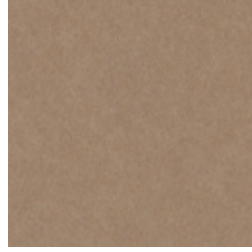
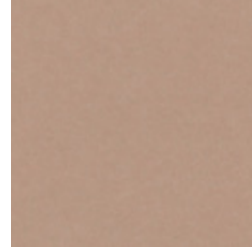
Test method	AS ISO 354-2006: Acoustic - Measurement of sound absorption in a reverberation room
Installation method	A, tested with no air gap, 20mm air gap, 50mm air gap
Rating method	ISO 11654-2002 Acoustic – sound absorbers for use in buildings – rating of sound absorption
Test results	NRC 0.55 no air gap NRC 0.70 20mm air gap NRC 0.75 50mm air gap SAA 0.56 no air gap SAA 0.70 20mm air gap SAA 0.76 50mm air gap



	Frequency (Hz)	125	250	500	1000	2000	4000	NRC
α _s no air gap		0.00	0.10	0.40	0.80	1.00	1.00	0.55
α _s 20mm air gap		0.05	0.25	0.60	0.95	1.00	0.95	0.70
α _s 50mm air gap		0.10	0.45	0.75	0.90	0.90	0.90	0.75

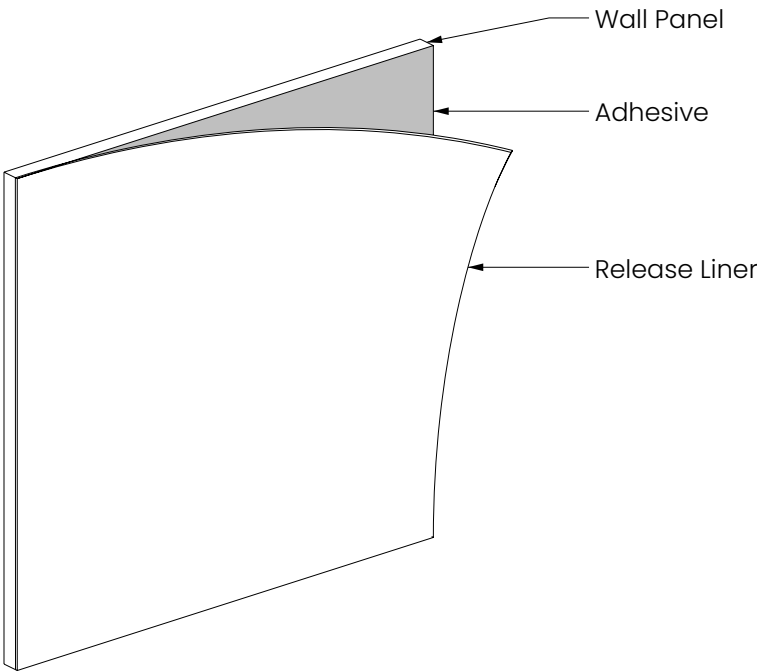
Performance Indices: **Noise Reduction Coefficient (NRC)** results represent the absorption coefficients measured at the one third octaves bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customisation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

Colorways

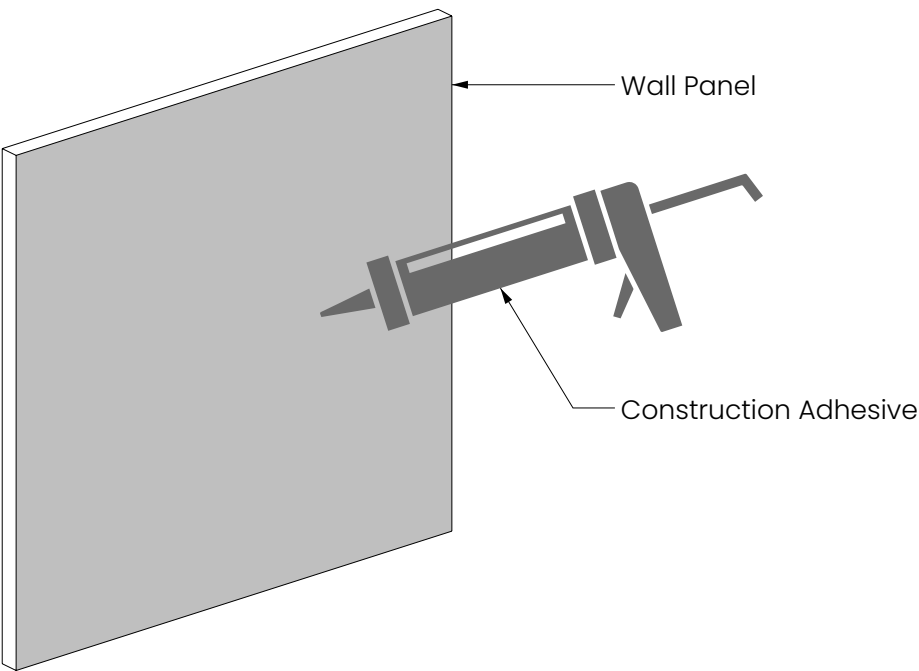
										
Peppercorn PE22	Currant CU59	Carrot CA08	Peach PE19	Flamingo FL61	Valentine VA70	Turmeric TU60	Wheat WH68	Kale KA12	Oregano OR18	Sencha SE58
										
Celery CE65	Eucalyptus EU71	Wasabi WA29	Popcorn PO26	Pistachio PI25	Midnight MI16	Flint FL64	Granite GR62	Denim DE09	Azure AZ05	Marine MA15
										
Lilac LI13	Stonewash ST72	Periwinkle PE23	Peacock PE20	Sea Salt SE57	Shiraz SH63	Berry BE06	Loganberry LO77	Nori NO76	Piano Black PI24	Charcoal CH01
										
Slate SL27	Grey GR02	Metal ME03	Mushroom MU75	Platinum PL04	Walnut WA56	Umber UM54	Amethyst AM69	Quartz QU67	Almond AL55	Ivory IV11
										
Pearl PE21	White WH12	Milkyway MI74								

Mounting Methods

Peel and Stick Backing

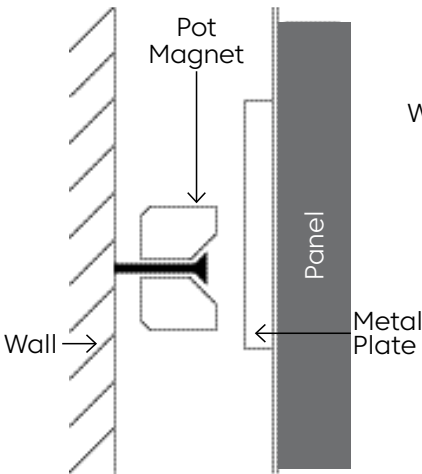


Construction Adhesive

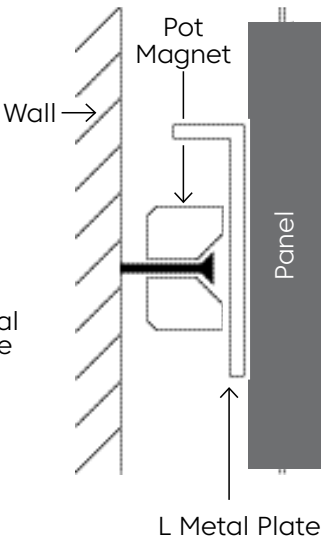


Pot Magnet Install

Wall Pot Magnet Install Metal Plate



Wall Pot Magnet Install L Plate + Metal Plate



L Plate Wall + Metal Plate Configuration

○ L Metal Plate × Metal Plate

