

acoufelt
making quiet



Printed
Wall Panels

Product Detail

Application	Wall
Composition	100% polyester
Material	FilaSorb™
Recycled content	60% min
Dimensions	1220 x 2800mm Custom size available upon request
Thickness	12mm +/- 10%

Sustainability



Made from 60% min. recycled content



Declare Red List Free (3rd Party Verified)



Generated using 40% solar energy



Recyclable at end of lifespan



Total VOC's less than 0.5 mg/m³ (3rd Party Verified)



Technical Data

Fire test method	EN 13501-1: 2019
Classification	B-s1, d0
Water vapour sorption method	ASTM C1104-2019 (Procedure A Modified)
Water sorbed by weight	0.20% (results based on a 12mm thick panel)
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
Colourfastness test method	ISO 105-B02
Rating	6-7

Guarantees

Lead time	4-6 weeks
Origin	United Kingdom
Warranty against defects	20 years*
Colourfastness warranty	20 years* *conditions apply

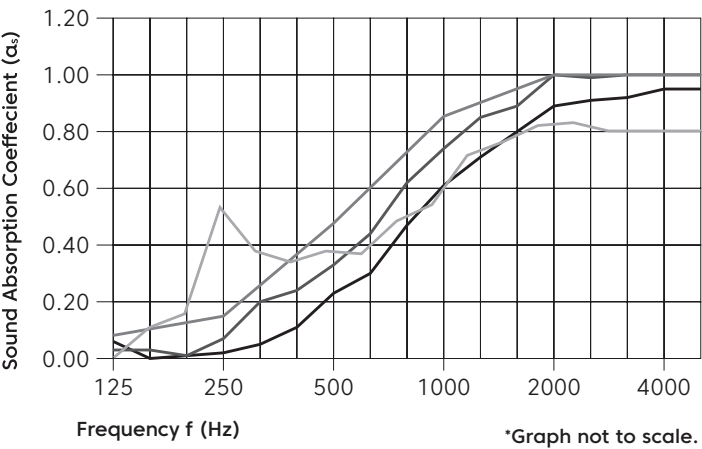
Acoustic Performance

Test method
12mm ASTM C423-09a: Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
24mm ASTM C423-17: Standard test method for sound absorption and sound absorption coefficients by the reverberation room method

Installation method
Mounting method A

Rating method
AS ISO 11654 -2002: Acoustics - rating of sound absorption - material and systems

Test results
12mm
no air gap - 0.45 NRC | 0.25 (H) aw no air gap, Class E
12mm air gap - 0.54 NRC | 0.35 (MH) aw 12mm air gap, Class D
20mm air gap - 0.64 NRC | 0.40 (MH) aw 20mm air gap, Class D
24mm
0.60 NRC no air gap | 0.50 (LH) aw no air gap, Class D



	Frequency (Hz)	125	250	500	1000	2000	4000	NRC	Class Rating
	12mm - α _s no air gap	0.06	0.02	0.23	0.61	0.89	0.95	0.45	Class E
	12mm - α _s 12mm air gap	0.03	0.14	0.33	0.74	1.00	1.00	0.54	Class D
	12mm - α _s 20mm air gap	0.05	0.16	0.48	0.85	1.00	1.00	0.64	Class D
	24mm	0.02	0.57	0.41	0.58	0.87	0.85	0.60	Class D

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.

Prints



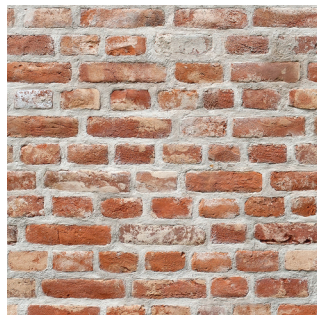
Chevron Timber Oak



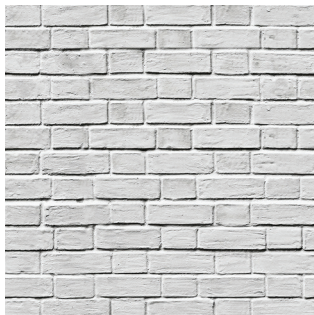
Chevron Timber Black



Plywood



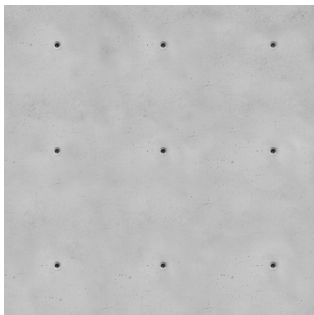
Masonry Brick
Rustic Red



Masonry Brick
White



Chevron Fractured



Masonry Concrete
Crater



Masonry Concrete
Speckled



Black Marble



Cactus



Dragon



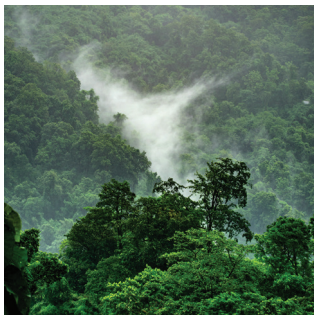
Cement



Tropical



Volcanic Rock



Custom Photography

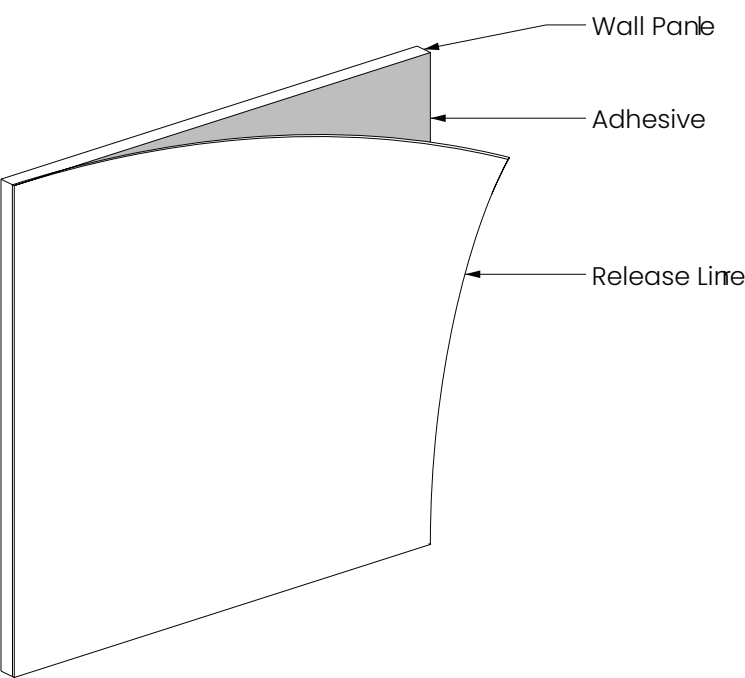


Custom Logos

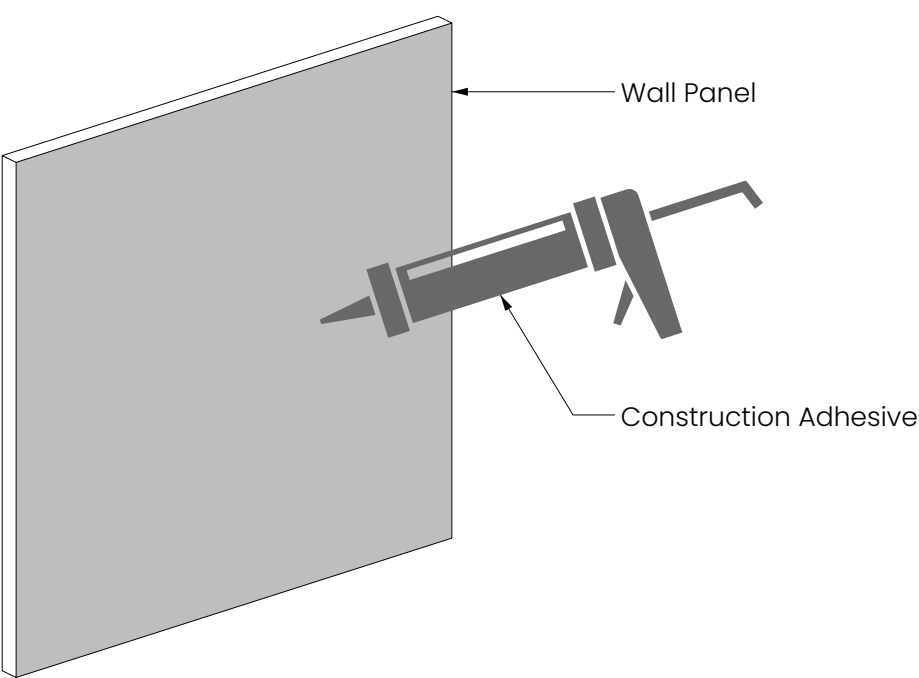
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Mounting Methods

Adhesive Backing

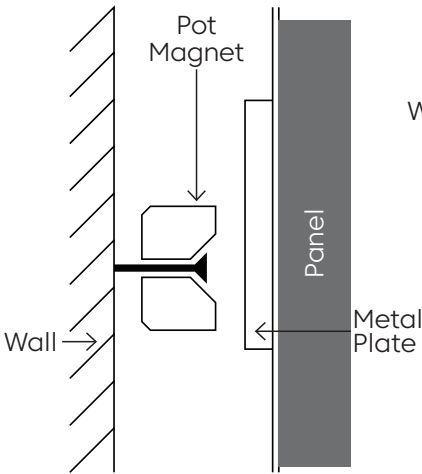


Constructive Adhesive

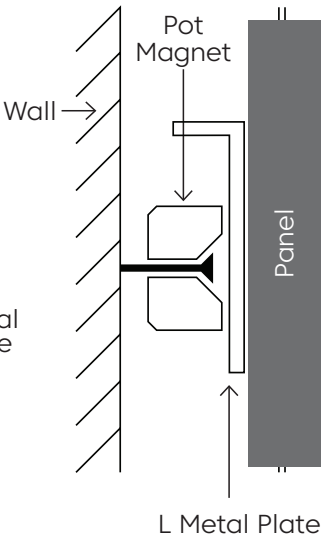


Pot Magnet Install

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

