



Full Color Wall Panels


FilaSorb™ 22

acoufelt
making quiet


Product Detail

Application	Wall
Composition	100% polyester
Material	FilaSorb™
Recycled content	60% min
Weight	2200gsm
Thickness	22mm +/- 10%
Dimensions	1220 x 2800mm Custom size available upon request


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)



Environmental Product Declaration in accordance with ISO 14025 and EN 15804



Technical Data

Fire test method	AS ISO 9705:2033 <small>(according to AS 5637.7:2015 requirements)</small>
Group number	Group 1
SMOGRARC (in m ² /s ² x 1000)	0.61
Fire test method	ASTM E48
Classification	Class A
Flame spread index	20
Smoke developed index	350
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

Guarantees

Warranty against defects	20 years*
Colorfastness warranty	20 years*

*conditions apply

QuickShip



QuickShip Rapid products can be despatched within **1-2 days**.

Acoustic Performance

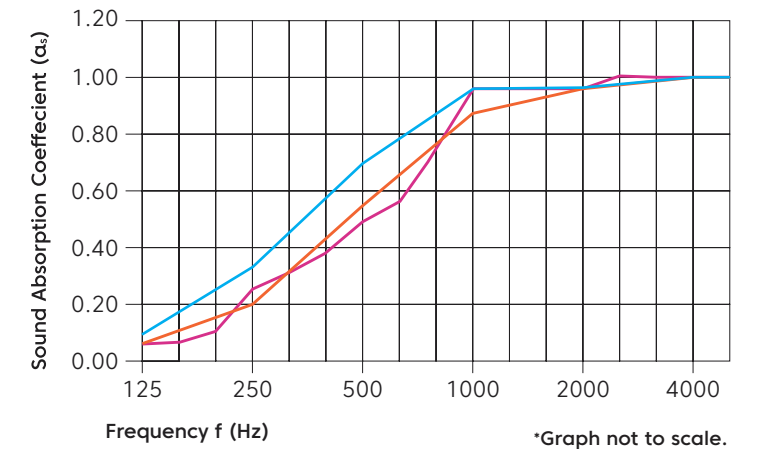
Test method AS ISO 354-2006: Acoustic - Measurement of sound absorption in a reverberation room

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 0.65 no air gap
NRC 0.70 20mm air gap
NRC 0.70 50mm air gap

SAA 0.63 no air gap
SAA 0.69 20mm air gap
SAA 0.73 50mm air gap



Frequency (Hz)	125	250	500	1000	2000	4000	NRC
α_s no air gap	0.05	0.20	0.55	0.80	0.95	1.00	0.65
α_s 20mm air gap	0.05	0.25	0.60	0.95	0.95	0.95	0.70
α_s 50mm air gap	0.10	0.35	0.70	0.95	0.95	1.00	0.70

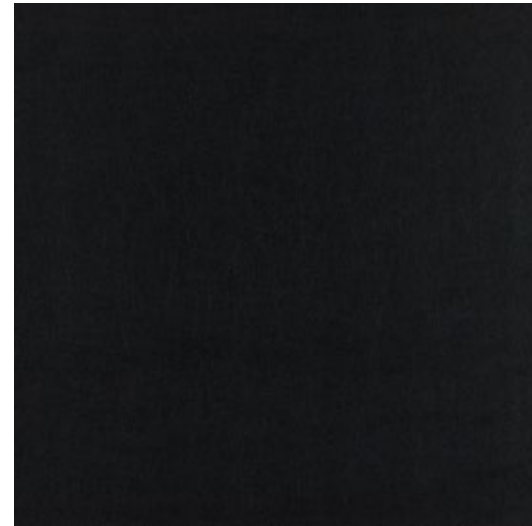
Performance Indices: **Noise Reduction Coefficient (NRC)** results represent the absorption coefficients measured at the one third octaves bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customisation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

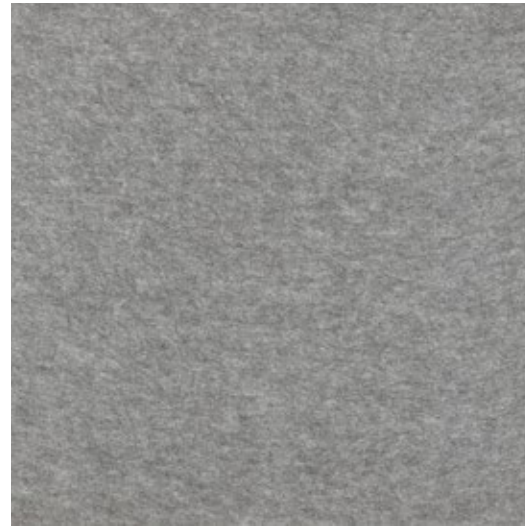
Light Reflectance Values (LRV), are **a measure of the percentage of visible and usable light that is reflected from a surface** when illuminated by a light source.



White
LRV – 83.22%



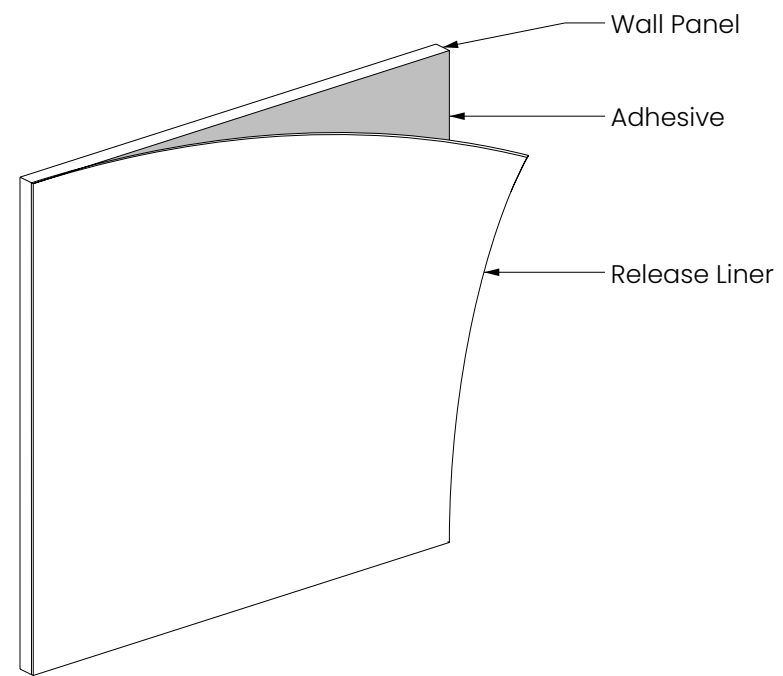
Piano Black
LRV – 3.00%



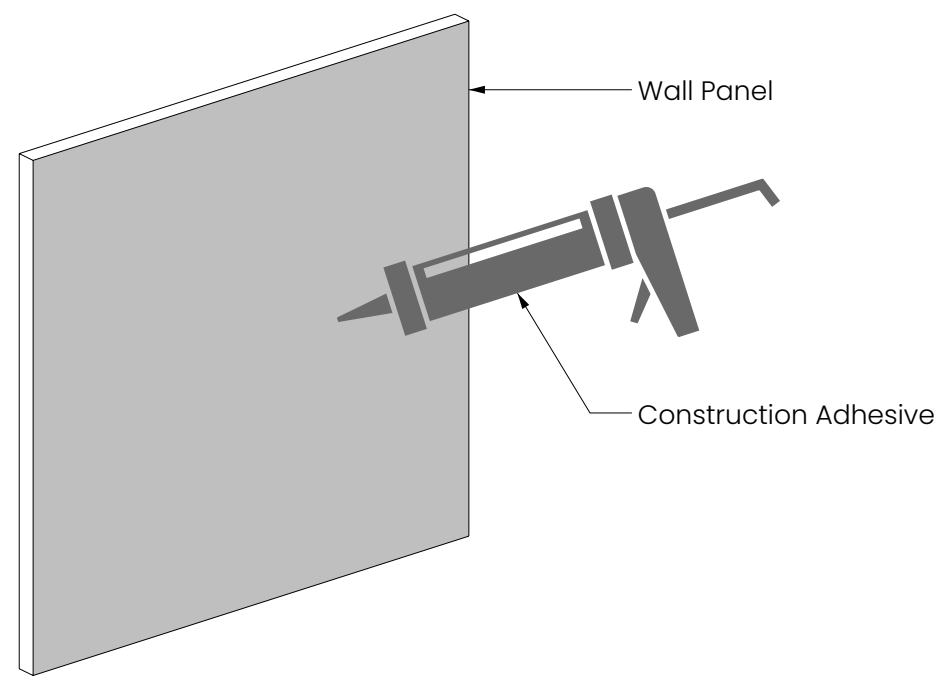
Light Grey
27.00%

Mounting Methods

Peel and Stick Backing

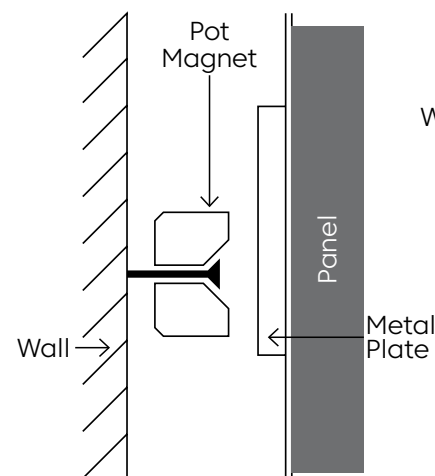


Construction Adhesive

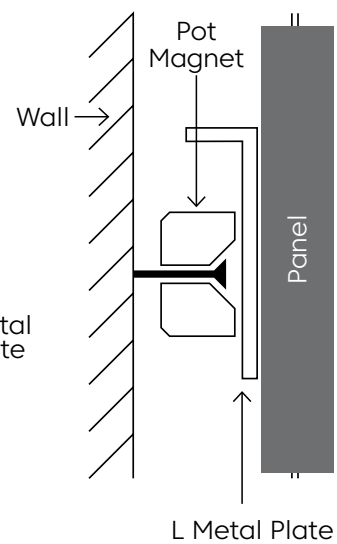


Pot Magnet Install

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

