



# Full Color Ceiling Panels

FilaSorb™ 22


acoufelt  
making quiet




# Product Detail

Application	Ceiling
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 (3<sup>rd</sup> Party Verified)




Generated using 40% solar energy



Recyclable at end of lifespan



Total VOC's less than 0.5 mg/m<sup>3</sup> (3<sup>rd</sup> Party Verified)



Environmental Product Declaration in accordance with ISO 14025 and EN 15804




# Technical Data

Fire test method	AS ISO 9705:2033 (according to AS 5637.7:2015 requirements)
Group number	Group 1
SMOGRARC (in m2/s2 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 <sup>3</sup>
Colorfastness test method	ISO 105-B02
Rating	6-7

# Guarantees

Warranty against defects	20 years*
Colorfastness warranty	20 years* <small>*conditions apply</small>

# QuickShip

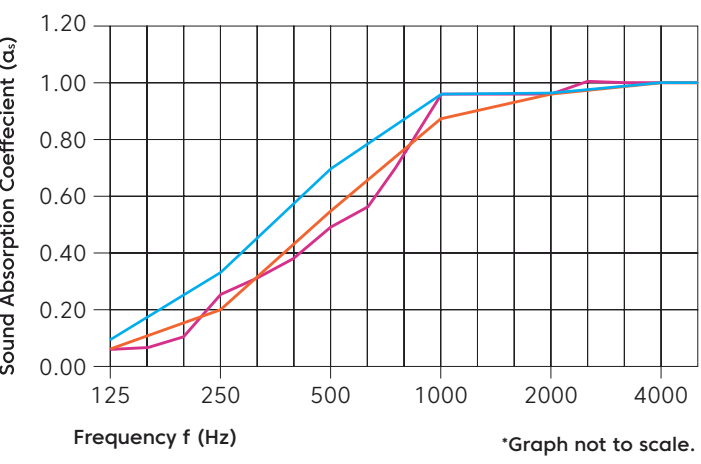


**QuickShip Rapid**

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
αs no air gap	0.05	0.20	0.55	0.80	0.95	1.00	0.65
αs 20mm air gap	0.05	0.25	0.60	0.95	0.95	0.95	0.70
αs 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%



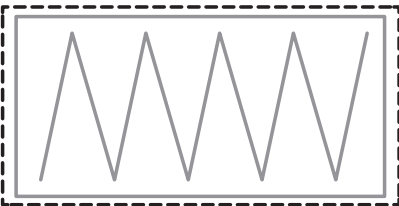
Piano Black  
LRV – 3.00%



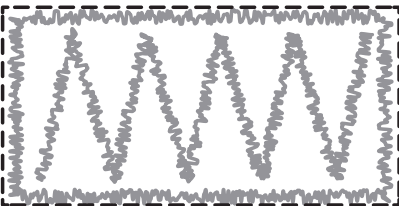
Light Grey  
27.00%

# Mounting Methods

## Adhesive Method

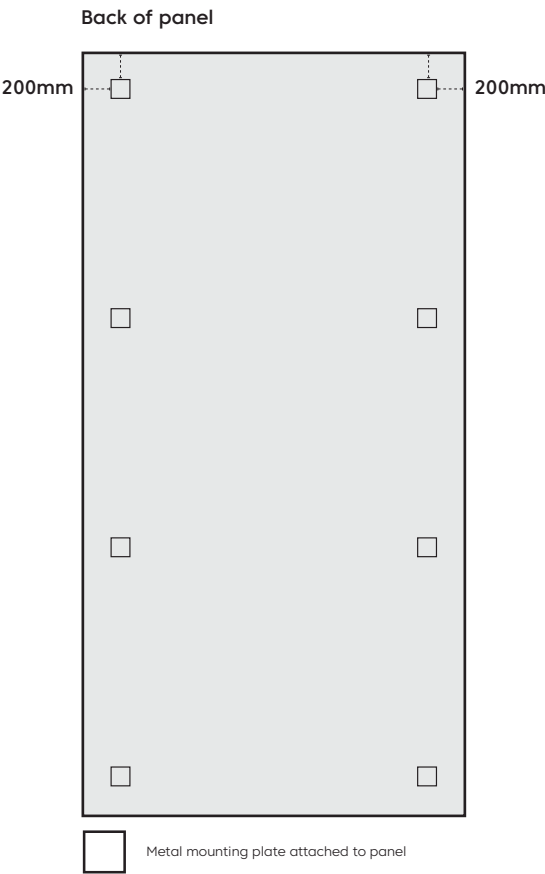


- Panel installation area
- Construction adhesive

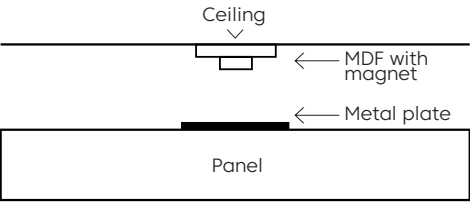


- Panel installation area
- Spray adhesive

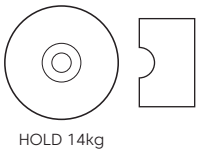
## Pot Magnet Method



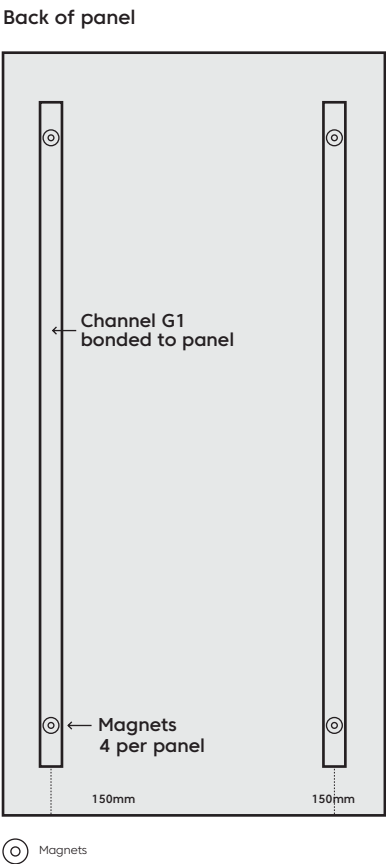
Side view



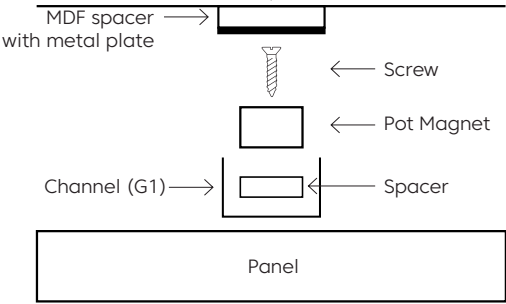
### Pot Magnet



## Channel Mount Method



Side view



### Pot Magnet

