

# 30mm Full Color Panel

Acoufelt 30mm full color panels are comprised of FilaSorb™ and have strong acoustic properties, achieving a Noise Reduction Coefficient (NRC) of 0.80. The specialised vertical construction of the core component provides structural stability, ensuring the panel remains rigid when installed in ceiling applications. 30mm panels are EchoStrut compatible, and can be ordered with or without a chamfered edge finish, depending on the design and installation requirements of the space. Custom cutting and sizing is available on request.

## FILASORB™

FilaSorb™ is made from a substantially heterogeneous blend of fine fibers; different denier combined for specific acoustic results. This combination of fine fibers results in a high active surface area for sound absorption, enhanced resistivity, and a greater interface area for dispersion of noise. This means that products made from FilaSorb™ have been designed for superior acoustic performance.

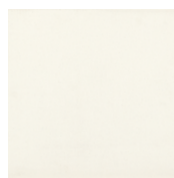
## Key features:

-  Breathable
-  High resistance to fire
-  Thermal efficiency
-  Highly customisable
-  Lightweight and strong non sagging qualities
-  Light and rigid construction for ease of install
-  Moisture absorption  $<0.03\%$  by volume

## Specifications

Surface	Wall and ceiling	
Composition	100% Polyester	
Material	FilaSorb™	
Recycled content	70%	
	METRIC	IMPERIAL
Panel Size	1200mm x 2400mm	47" x 94"
Thickness	30mm +/- 10%	1.2" +/- 10%
Fire Testing	AS ISO 9705: 2003 Group 1 ASTM E84-18b Class C	
Indoor Air Quality	Low VOCs emission, formaldehyde and Phenol-free	
Light Fastness	ISO 105-B02 1994, 6-7	

## Colors



Natural

## Environmental

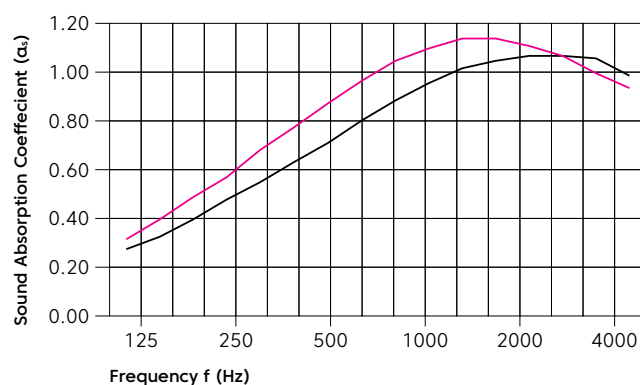
USGBC accredited and recognised under LEED.



LEED, Leadership  
in Energy and  
Environmental  
Design.

## Acoustic Performance

Sound Absorption NRC 0.80 (no air gap)  
ISO 354-2006 NRC 0.95 (20mm air gap)



\*Graph not to scale.

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
α <sub>s</sub> no air gap	0.26	0.47	0.72	0.97	1.08	1.00	<b>0.80</b>
with 20mm air gap	0.31	0.57	0.88	1.12	1.13	0.95	<b>0.95</b>

For further product information visit and to check product availability in your region, [acoufelt.com](http://acoufelt.com)

Specifications are based on average from normal manufacturing tolerances, such variations do not effect product performance. We reserve the right to improve the specification of the product without prior notice. Acoufelt strives to fulfill the needs of their customers by producing the highest quality felt products. However due to the fine, fibrous and textural nature of the product, slight visual imperfections may be seen when viewing the product closely which are within normal industry manufacturing tolerances.