



12mm & 24mm Full Color Panel

The Full Color Collection represents an assortment of hand-selected colorways, available on a FilaSorb™ acoustic panel for wall applications. Acoufelt panels have strong acoustic properties and achieve a minimum Noise Reduction Coefficient (NRC) of 0.45. Full color panels come in a wide range of standard colors, with custom sizing and cutting 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:

-  Made from FilaSorb™
-  Breathable
-  High resistance to fire
-  Smooth surface finish
-  Thermal efficiency
-  Certified low VOC
-  10 year lightfastness warranty
-  Made with recycled content
-  Custom available

Specifications

Surface	Wall	
Composition	100% polyester	
Material	FilaSorb™	
Recycled Content	60% min.	
	METRIC	IMPERIAL
Weight	2400 g/m ² +/- 10%	0.49 lb/ft ² +/- 10%
	4800 g/m ² +/- 10%	0.98 lb/ft ² +/- 10%
Panel Size	1,220mm x 2,800mm	48" x 110"
Thickness	12mm +/- 10%	0.47" +/- 10%
	24mm +/- 10%	0.94" +/- 10%
Fire Testing	AS ISO 9705: 2003 Group 1 ASTM E84-17a Class A	
Indoor Air Quality	Low VOCs emission, formaldehyde and Phenol-free	
Light Fastness	ISO 105-B02 1994, 6-7	

Environmental

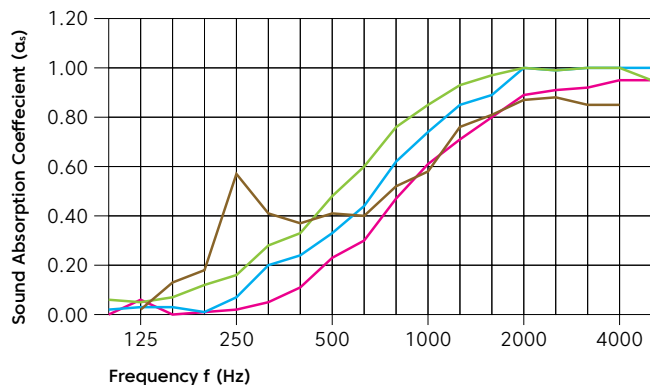
'Declare' certification, LCB Red List Free, free from phenol and formaldehyde, low VOC, CDPH compliance, USGBC accredited and recognised under LEED.



Declare.

Acoustic Performance

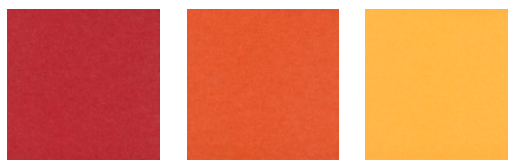
Sound Absorption ISO 354-2006
 NRC 0.45 (12mm no air gap)
 NRC 0.54 (12mm with 12mm air gap)
 NRC 0.60 (24mm no air gap)
 NRC 0.64 (24mm with 20mm air gap)



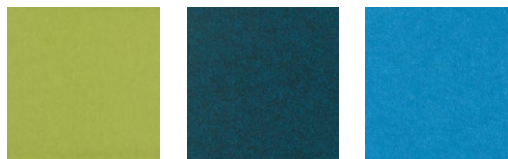
*Graph not to scale.

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

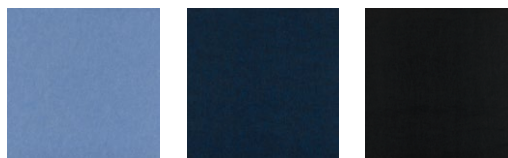
Colors



Lipstick Red Carrot Butter



Wasabi Denim Azur



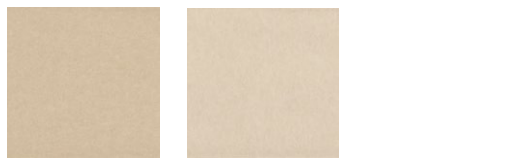
Marine Midnight Piano Black



Charcoal Slate Grey



Metal Platinum White



Ivory Pearl

For further product information visit 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 fulfil 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 from less than 1 to 1.5 meters. These slight visual imperfections however, are within normal industry manufacturing tolerances.