

Acoustic Art

The Acoufelt Acoustic Art project is comprised of hand-selected unique reproductions by Contemporary Artists. Each Acoustic Art piece has strong acoustic properties and a Noise Reduction Coefficient (NRC) of 0.75. Each piece has been printed on FilaSorb™ material using a high-resolution printing technique; a process we call QuietPrint™.

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.

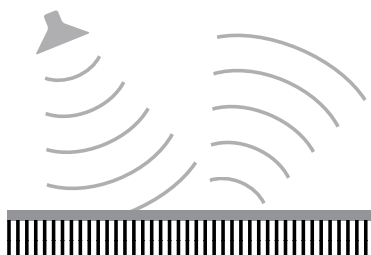
QUIETPRINT™

QuietPrint™ applies print technology that colours the fiber with high precision, whilst ensuring air-gaps in the porous material remain open to absorbing noise. The net result is a printing technique that is high resolution, but that has no significant impact on the acoustic performance of the base material.

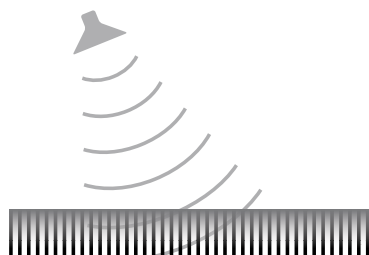
To learn more visit acoufelt.com/quietprint

Key features:

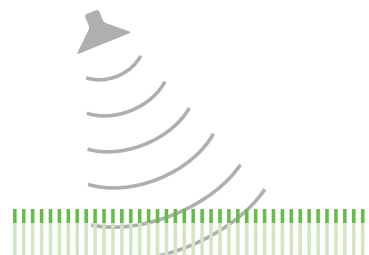
-  Surface printed with QuietPrint™
-  Made from FilaSorb™
-  Breathable
-  High resistance to fire
-  Smooth surface finish
-  Thermal efficiency
-  Certified low VOC
-  10 year lightfastness warranty
-  Made with recycled content
-  Custom available



Some printing techniques create an impenetrable layer that **REFLECTS** sound



Some printing techniques allow the ink to 'run' into the material, resulting in a **POOR RESOLUTION** image



Acoufelt QuietPrint™ colors the fibers with high precision, whilst ensuring air gaps remain open, **ABSORBING** sound and creating a **HIGH RESOLUTION** image

Product Specifications

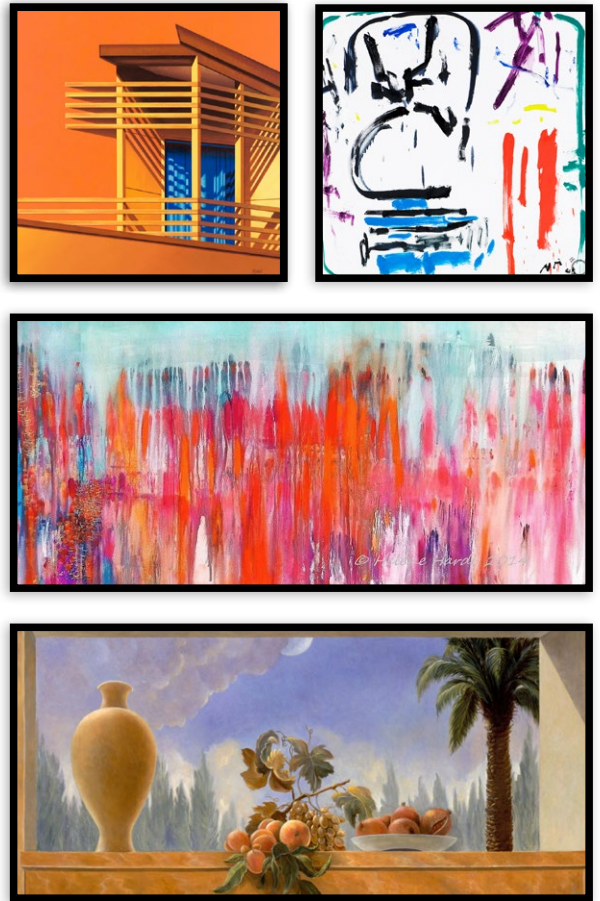
Surface Print	QuietPrint™	
Surface	Wall	
Composition	100% polyester	
Material	FilaSorb™	
Recycled Content	60% min.	
Panel Size	Various	
	METRIC	IMPERIAL
Thickness	25mm +/- 10%	0.98" +/- 10%
Fire Testing	AS ISO 9705: 2003 Group 1 ASTM E84-17a Class A	
Indoor Air Quality	Low VOCs emission, formaldehyde 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.

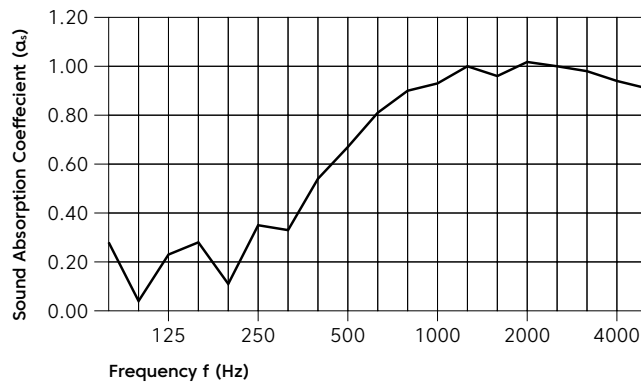


Artwork Examples



Acoustic Performance

Sound Absorption
ISO 354-2006 NRC 0.75



*Graph not to scale.

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
αs	0.23	0.35	0.67	0.93	1.06	0.94	0.75

view more at acoufelt.com/acoustic-art-project

For further product information visit acoufelt.com/acoustic-art-project/

Specifications are based on average from normal manufacturing tolerances, such variations do not impact 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. When installing QuietPrint™ products, Acoufelt recommends that you align the panels to their closest match at eye level, and allow for +/- 5mm Alignment Tolerance.

*Artwork samples are not to scale.