

Fracture Collection



The Fracture Collection consists of 12mm (1/2") and 24mm (1") thick rigid panel has strong acoustic properties and a minimum Noise Reduction Coefficient (NRC) of 0.45. The Fracture Collection has a wide range of standard colors, with custom sizing available on request.

Key features of Acoufelt acoustic panels:

-  Superior breathability
-  Excellent resistance to fire
-  Super fine fibers to achieve a smooth surface appearance
-  Thermal efficiency
-  Anti-static treated – reducing dust cling
-  Certified low VOC
-  10 year lightfastness warranty
-  3M Scotchgard protection

Environmental

Made from a minimum of 60% recycled content, Acoufelt's acoustic products exceed the criteria set by the USGBC (United States Green Building Council) which recognises contributions made to Leadership in Energy and Environmental Design (LEED). Therefore, users of Acoufelt products can earn environmental points from LEED for their building projects.

Under the DECLARE certification scheme, Acoufelt panels receive "LCB Red List Free" declaration through both material component declaration and VOC ratings meeting the high standard for CDPH Compliance. Achieving LCB Red List Free declaration is the highest declaration a product can achieve under the Declare certification scheme.

Acoufelt panels receive Indoor Advantage Gold certification for Indoor Air Quality through meeting the high standard for CDPH compliance. The Indoor Advantage and Indoor Advantage Gold standard aligns with both ANSI/BIFMA M7 and X7.1, and CA 01350. It is recognised by the EPA and GSA, and qualifies for many building rating systems, including LEED v4, BREEAM, WELL Building and Living Building Challenge.

Product Specifications

Application	For wall	
Material	100% Polyester fibers with more than 60% recycled content	
	METRIC	IMPERIAL
Weight	2400 g/m ² +/- 10%	0.49 lb/ft ² +/- 10%
Plank Size	1200mm x 2400mm	47" x 94"
Thickness	12mm +/- 10%	0.47" +/- 10%

Technical specifications

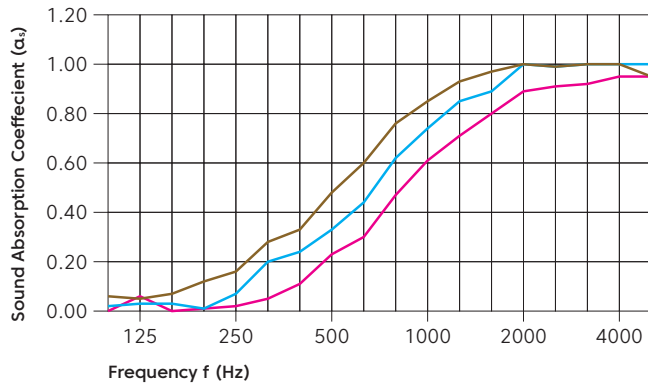
Fire Testing	ISO 9705: 1993 Group 1 AS ISO 9705: 2003 Group 1 ASTM E84-17a Class A
Indoor Air Quality	Low VOCs emission, formaldehyde and Phenol-free
Light Fastness	ISO 105-B02 1994, 6-7

Environmental

Made from	>60% recycled PET content
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Acoustic Performance

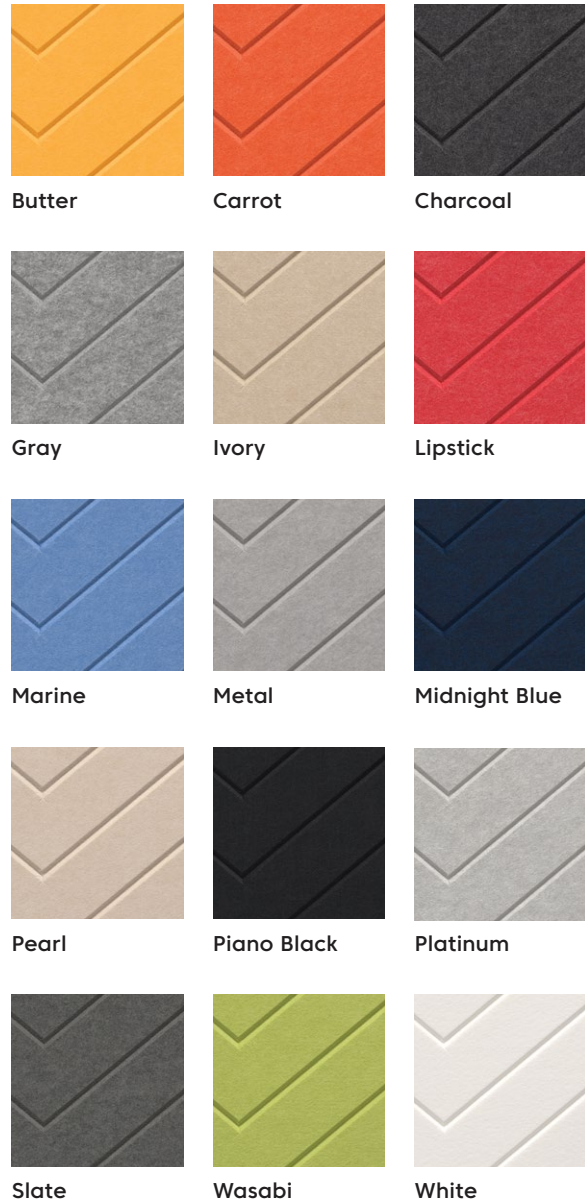
Sound Absorption	NRC 0.45 (no air gap)
ISO 354-2006	NRC 0.54 (12mm air gap)
	NRC 0.64 (20mm air gap)



*Graph not to scale.

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
αs no air gap	0.06	0.02	0.23	0.61	0.89	0.95	0.45
αs 12mm air gap	0.03	0.14	0.33	0.74	1.00	1.00	0.54
αs 20mm air gap	0.05	0.16	0.48	0.85	1.00	1.00	0.64

Colorways



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.