

Felt Wall-Hive



For years, designers have been yearning for something that allows them more flexibility and creativity. Mode Acoustic Felt Hive allows for dynamic, three dimensional shapes and interconnections never before possible, is one third the weight of traditional acoustic panels — great for installation and shipping, made with recycled plastic bottles & is 100% recyclable, and naturally Red List compliant.

Mix and match colors of 3D and Flat Felt Hive panels to create the perfect amount of visual interest and noise reduction.

Specifications

Product Name	Felt Wall-Hive
Content	–100% Polyester (PET) with a minimum of 60% recycled content
Felt Thickness	12mm
Width	13.25”b
Height	11.5”b
Depth	2”b
Tolerance	1/32”b
Weight	3D = 1lb, Flat = .4lbs
Edge	Exposed Felt
Sound Performance	Up to NRC 1.05, depending on density of 3D panels*
Fire Performance	Product made from Class A PET felt material tested under ASTM-84
Variations	Mode Acoustic uses an industry standard felting process. Slight and consistent variations in color and “heathering” should be expected when using this sustainable material. Slight imperfections are within normal manufacturing tolerance and not visible in standard installations.
Environmental	Low VOC emissions, formaldehyde and phenol-free. Naturally Red List compliant.
Maintenance	Vacuum to remove any loose dirt or dust. You may use a soft or plastic bristle brush to loosen it. Avoid excess pressure. Compressed air can also be used to dust the material in difficult or large installations. If stains are present, you may saturate a lint-free cloth with a mild detergent or soap and water solution.
Warranty	10 years
Unit of Sale	Per unit

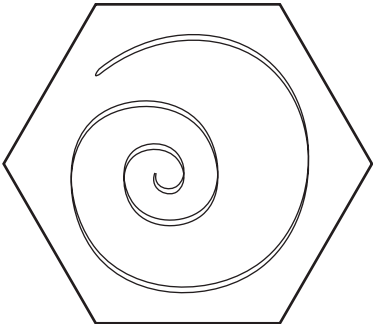
*Expected NRC

Construction



Installation

Construction adhesive in a spiral pattern.



Mode Acoustic Felt Reference Card

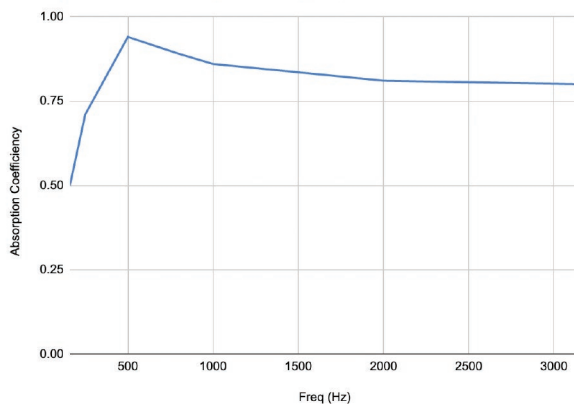
To request a felt tip card or replacement swatches, please email: hello@modeacoustic.com



modeacoustic.com | 800.222.1028 | hello@modeacoustic.com

Test Results

Absorption Coefficient vs. Freq (Hz)



Freq (Hz)	Absorption Coefficient
160	0.50
250	0.71
500	0.94
800	0.89
1000	0.86
2000	0.81
3150	0.80
NRC	0.83

The Noise Reduction Coefficient (NRC) is calculated as the arithmetic average of the absorption coefficients in the shaded bands only (250, 500, 1250 & 2000 Hz).

ASTM C 423-17: Type F Mounting as defined by ASTM E795 using two pieces of 0.5 in aluminum stock bar placed on floor to lift material with trim pieces to simulate a typical wall installation with mounts.