



AKOUSTI-BOARD BLACK™

DESCRIPTION

Akousti-Board Black is a heavy density fiberglass insulation. The base board has a black mat applied to provide a smooth, tough finish.

ECOSE® TECHNOLOGY

ECOSE Technology is a revolutionary binder chemistry that enhances the sustainability of our products. The “binder” is the bond that holds our fiberglass product together and gives the product its shape and brown color. ECOSE Technology is a plant-based, sustainable chemistry that replaces the phenol/formaldehyde (PF) binder traditionally used in fiberglass products. Products using ECOSE Technology are formaldehyde-free and have reduced global warming potential when compared to our products of the past.

SUSTAINABILITY

Manson Insulation’s products used for thermal insulating purposes recover the energy that it took to make them in just hours or days, depending on the application. Once installed, the product continues to save energy and reduce carbon generation as long as it is in place.

Fiberglass insulation with ECOSE Technology contains three key ingredients:

- Recycled glass content, verified annually by UL Environment
- Sand, one of the world’s most abundant resources
- Our green chemistry initiative ECOSE Technology, which is validated to be formaldehyde-free

APPLICATION

Manson Insulation Akousti-Board Black is designed for use as acoustical insulation and/or visual barrier on walls and ceilings where system design requires a rigid product and where additional strength and abuse resistance are required. The black surface provides a visual barrier with an aesthetically pleasing appearance, in both wall and ceiling applications. This product is typically used where framing members are not present.

PRODUCT FEATURES

- Reduces airborne sound transmission

UL Environment

- GREENGUARD certified
- GREENGUARD Gold certified
- Validated to be formaldehyde-free

EUCEB

- Tested and certified to meet EUCEB requirements

FIBERGLASS AND MOLD

Fiberglass insulation will not sustain mold growth. However, mold can grow on almost any material when it becomes wet and contaminated. Carefully inspect any insulation that has been exposed to water. If it shows any sign of mold, it must be discarded. If the material is wet but shows no evidence of mold, it should be dried rapidly and thoroughly. If it shows signs of facing degradation from wetting, it should be replaced.

NOTES

The chemical and physical properties of Manson Insulation Akousti-Board Black insulation represent average values determined in accordance with accepted test methods. The data is subject to normal manufacturing and testing variations. The data is supplied as a technical service and is subject to change without notice. References to numerical flame spread ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions.

Check with your Manson Insulation Area Manager to ensure information is current.

TECHNICAL DATA		
PROPERTY (UNIT)	TEST	PERFORMANCE
Corrosiveness	ASTM C665	Does not accelerate corrosion of steel
Corrosion	ASTM C1617	Pass
Surface Burning Characteristics (flame spread/smoke developed)	ASTM E84, UL 723	FHC 25/50, UL/ULC Classified

SOUND ABSORPTION COEFFICIENTS ASTM C423, TYPE A MOUNTING, OCTAVE BAND CENTER FREQUENCY (CYCLES/SEC.)								
DENSITY	THICKNESS	125	250	500	1000	2000	4000	NRC
3.0 PCF (48 kg/m ³)	1" (25 mm)	0.13	0.24	0.56	0.83	0.92	0.98	0.65
	2" (51 mm)	0.33	0.67	1.07	1.07	1.03	1.06	0.95

Available 24" (610 mm) wide x 48" (1219 mm) long.

