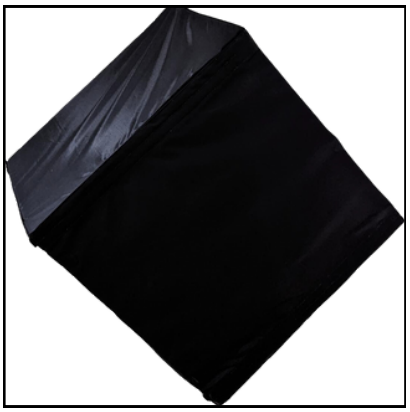
TECHNICAL DATA SHEET

SOUNDFOAM ECHO END CUBES

SOUNDCOAT



PRODUCT DESCRIPTION

Soundfoam Echo End Cubes are built of lightweight, flexible, open cell, melamine based acoustic quality foam (Soundfoam ML G+) wrapped in an acoustically transparent fabric pouch, which is supplied with a buckle on a corner to allow for ease of installation in a building setting.

It has excellent flammability resistance, meeting class A when tested to ASTM E84 in composite form. It does not drip upon ignition, ceases to burn after removal of source of ignition, and produces a minimal amount of smoke. Compared with some glass fiber based acoustical products, Soundfoam ML G+ has better strength, lower compression set, and higher resilience.

Soundfoam Echo End Cubes are designed for use in large factory spaces where there is a significant noise buildup from all the machines in the space. The cubes reduce the overall reverberant noise in the building, allowing for a significant reduction in overall noise levels across the building.

PHYSICAL PROPERTIES

Material Type	Melamine Foam with Acoustically Transparent Fabric Cover
Color	Various
Density	.56±.05 lb/ft3
Operating Temperature	-43°C (-45°F) to 220°C (428°F)
Tensile Strength	15 PSI Min
Elongation	20%
Compression Set	<20%
Thermal Conductivity	0.25 BTU in./h ft2 °F
Flame Resistance	ASTM E84 Class A

TYPICAL APPLICATIONS

- Industrial building spaces such as fulfillment centers, data centers, microchip manufacturing facilities, and consumer recreation spaces.

MARKETS

PRODUCT CONFIGURATIONS

- 24" x 24" x 24" Cubes
- Custom sizes available upon request

THE SOUNDCOAT PROMISE

We have one goal: to enhance the customer experience by providing world-class products manufactured under ISO 9001:2015 and AS9100:2016 standards in one of our modern manufacturing facilities strategically located on each coast.

All materials are tested and qualified in our acoustics and materials testing laboratory to ensure consistent quality and performance.

Soundcoat products are supplied, tested, and produced to your specifications.

HQ | 1 Burt Drive | Deer Park, NY | 11729 | US
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PERFORMANCE

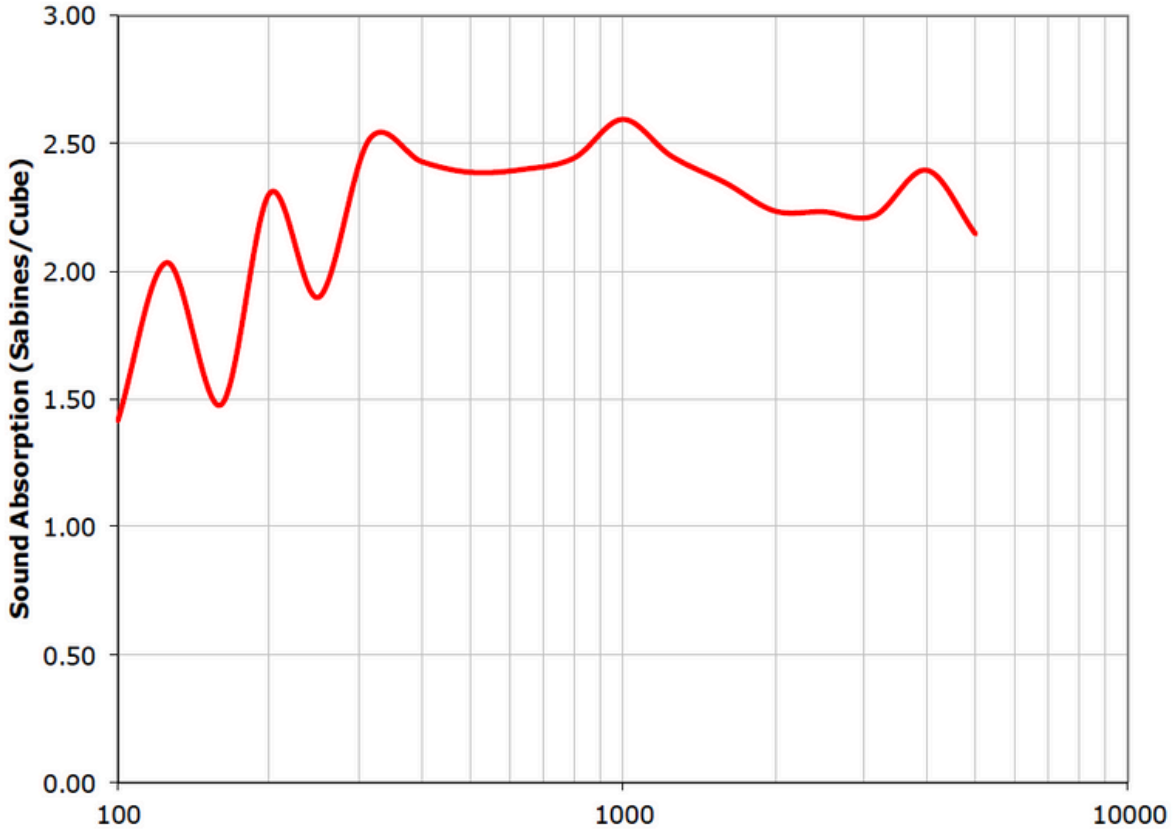

Figure 1 - Random Incidence Asborption of 24" Acoustic Cubes

Rev. date 8/30/2024

Visit soundcoat.com to see our complete line of absorption, barrier, damping, sealing, and thermal materials.

For further information on meeting specific requirements and for optimum product configuration, contact our Technical Support Department at 1-800-394-8913.

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