

ECHOTROL™

ARCHITECTURAL TECHFOAM



WHAT IS ECHOTROL™ ARCHITECTURAL TECHFOAM?

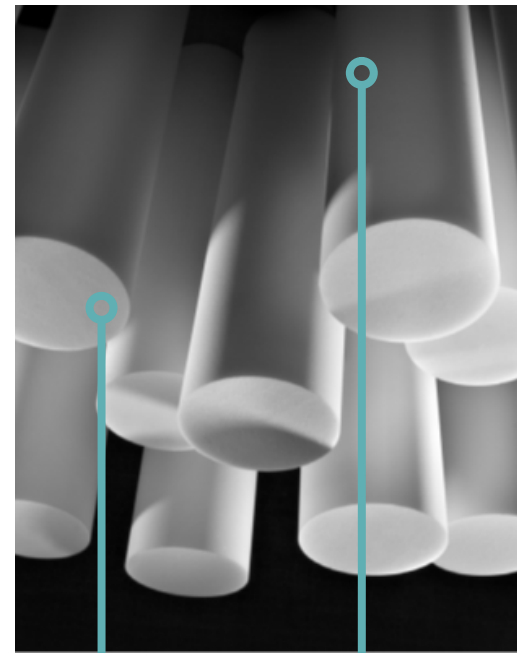
Echotrol™ Architectural Techfoam is formulated to enhance sound quality while offering unparalleled customization. It stands out for its high-performance melamine foam, a lightweight, fiber-free, open-cell material known for its wide temperature range, low smoke, and flame properties

Engineered for versatility, Echotrol™ Architectural Techfoam is available in several sizes and shapes allowing for a high degree of customization ranging from standard dimensions to custom sizes.

In terms of aesthetics, Echotrol™ Architectural Techfoam offers a broad palette of color options, from natural and light grey foam to a variety of custom coatings. This range ensures compatibility with different architectural styles and interior design themes

Functionally, the foam boasts impressive features, including excellent noise absorption and reduction, excellent thermal properties, and a Class A fire rating.

Prioritizing both sustainability and safety, Echotrol™ Architectural Techfoam aligns with environmental and safety standards, making it an ideal blend of high acoustic performance and environmental consciousness. This product is a superior choice for spaces requiring effective sound management with the added benefits of custom design and aesthetic appeal.




Melamine Foam Core

Acoustically Transparent Coloured Coatings Available

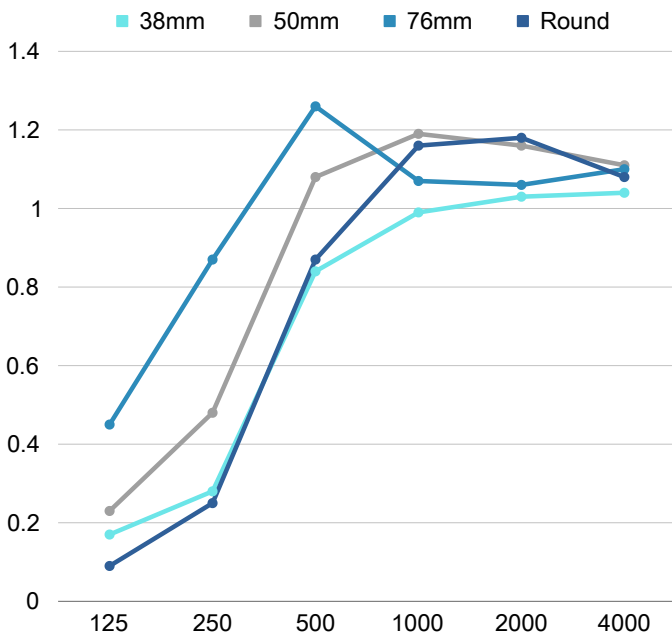


TECHNICAL AND ACOUSTIC PERFORMANCE



		FREQUENCY (Hz)						
		125	250	500	1000	2000	4000	NRC
1.5"	38mm	0.17	0.28	0.84	0.99	1.03	1.04	0.80
2"	50mm	0.23	0.48	1.08	1.19	1.16	1.11	1.0
3"	76mm	0.45	0.87	1.26	1.07	1.06	1.10	1.0
Round Hanging Baffle		0.09	0.25	0.87	1.16	1.18	1.08	0.85

Noise Reduction Coefficient (NRC) is calculated by averaging the sound absorption coefficients of a material at four frequencies (250 Hz, 500 Hz, 1000 Hz, and 2000 Hz) as measured in a reverberation room according to ASTM C423 standards.



KEY PROPERTIES



Fire Resistant
Class A/1
ASTM E-84 &



North American
Locally Sourced Raw
Materials



Safe
Mounting System
Designed for Zero
Probability Failures



Dimensions
Max. Grid Size:
4' x 8'
1220mm x 2400mm



Customizable
Bespoke Shapes
& Colours



Weight
0.13 PCF Density
2 kg/m³

SUITABLE FOR

Common Areas, Clerestory, Feature Ceilings, Areas with Low Chance of Impact, Offices, Lobbys, Etc.



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