

ECHOTROL™

HEAVY DUTY (HD) TECHFOAM



WHAT IS ECHOTROL™ HEAVY DUTY (HD) TECHFOAM?

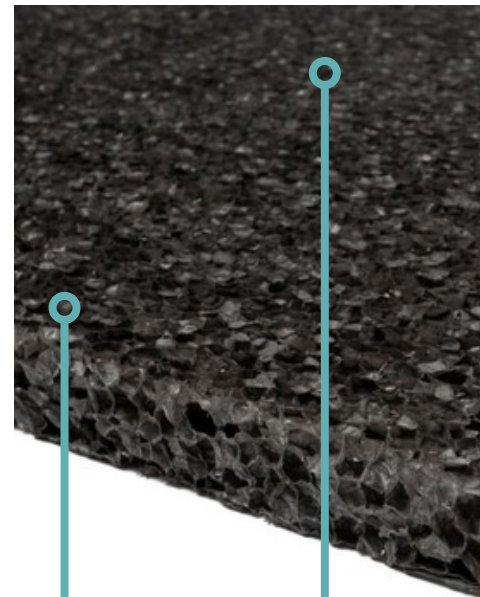
Echotrol™ HD Techfoam, tailored for robust acoustic management, is designed to significantly enhance sound quality in demanding environments like gymnasiums, multi-purpose rooms, and industrial spaces. Renowned for its high-performance sound absorption, Echotrol™ HD Techfoam features impressive Noise Reduction Coefficient (NRC) ratings, ensuring optimal sound environments even in challenging conditions.

Constructed from durable polyolefin foam, these panels and baffles are specifically engineered to withstand the rigors of industrial settings, offering longevity and resilience. The foam's lightweight nature facilitates easy installation, and it can be hung in various orientations and patterns, blending performance with visual appeal.

Available in standard and custom sizes, with options for 1" or 2" thickness and white or black colors, Echotrol™ HD Techfoam provides versatility in both application and design.

It meets multiple flammability standards, and showcases resistance against fungal growth, ensuring both safety and technical excellence.

Echotrol™ HD Techfoam is not just an acoustic solution but an embodiment of engineering excellence, offering a blend of high acoustic performance, durability, and aesthetic flexibility, making it an ideal choice for spaces that require robust sound management with a custom, durable design.




Polyolefin Open Cell Foam

Water Resistant

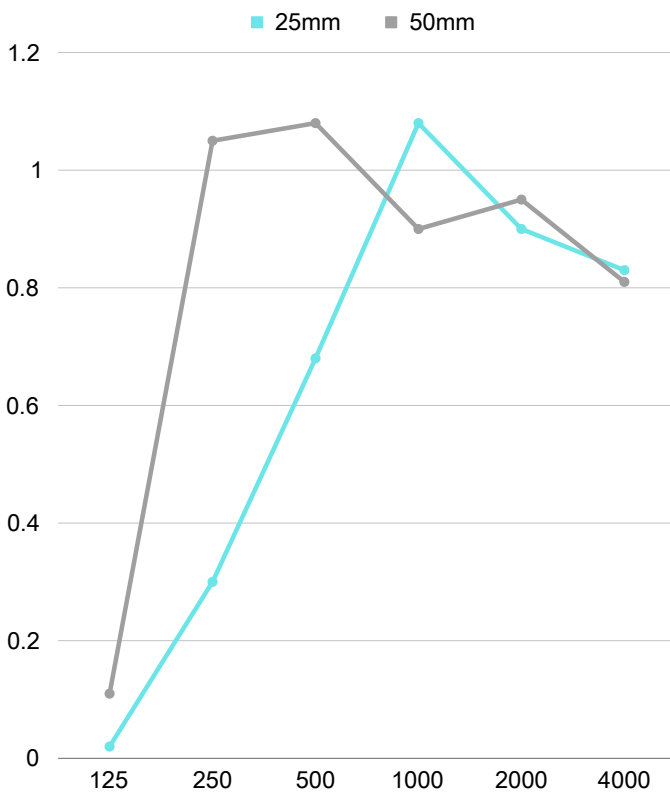


TECHNICAL AND ACOUSTIC PERFORMANCE



		FREQUENCY (Hz)						
		125	250	500	1000	2000	4000	NRC
1"	25mm	0.02	0.30	0.68	1.08	0.90	0.83	0.75
2"	50mm	0.11	1.05	1.08	0.90	0.95	0.81	1.0

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



High NRC
0.75 | 25mm
1.0 | 50mm



Fire Resistant
Class A/1
ASTM E-84 &



Safe
Mounting System
Designed for Zero
Probability Failures



Weight
1.87 PCF Density
30 kg/m³



Moisture Resistant



Recycled Material
Eco - Friendly



Simple Cleaning
Soap and Water



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

SUITABLE FOR

Industrial Warehouses, Mechanical Rooms, Factories, Bars, Arenas, Multipurpose Areas, Shops, Etc.



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