

ECHOTROL™ BAFFLES



WHAT ARE ECHOTROL™ BAFFLES?

Echotrol™ Baffles offer a cost-effective solution for acoustic management, specifically tailored for large spaces like pools, gymnasiums, and arenas. These baffles deliver high acoustic performance, efficiently absorbing and dampening sound to minimize noise and echo, thereby enhancing clarity in communication. Their effectiveness in large spaces combined with affordability makes them a practical choice for both new constructions and renovations.

These baffles, available in a diverse range of colors and finishes, not only excel in acoustic management but also contribute aesthetically to any setting. Their design flexibility ensures they can be adapted to various architectural styles, allowing for customized aesthetic alignment with any space's design.

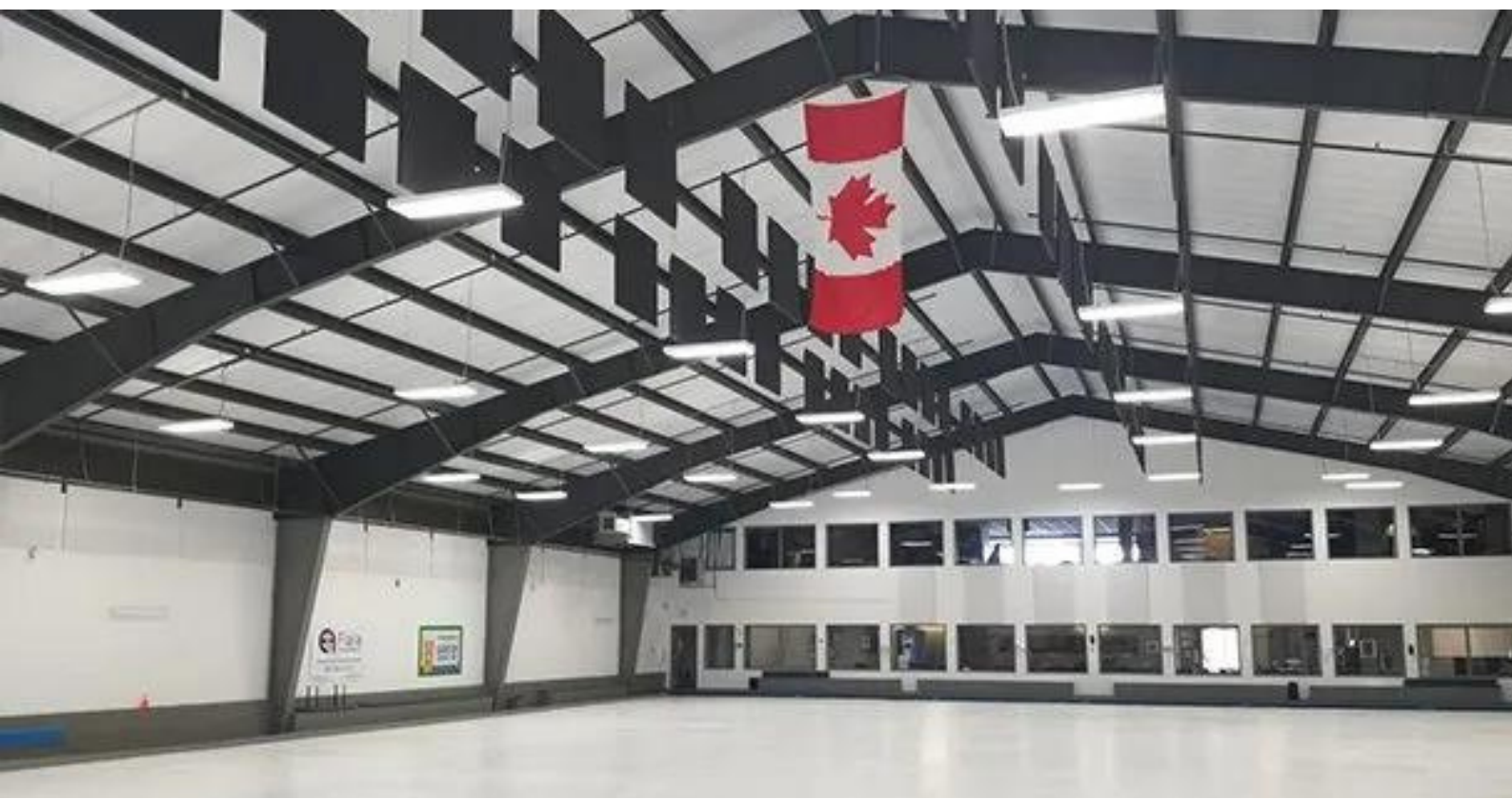
With a commitment to sustainability and safety, Echotrol™ Baffles are constructed using eco-friendly materials and meet fire safety standards. This focus on environmental responsibility does not compromise their acoustic efficacy. Echotrol™ Baffles are thus an excellent option for those seeking a balance of cost-efficiency, high acoustic performance, and style in managing sound for large and busy environments.



Formaldehyde-Free Acoustic
Fiberglass Core

Simple Hanging System:
Specific Hardware for Aquatic
Environments

Premium Polyester Fabric Wrap
Made from Recycled Content

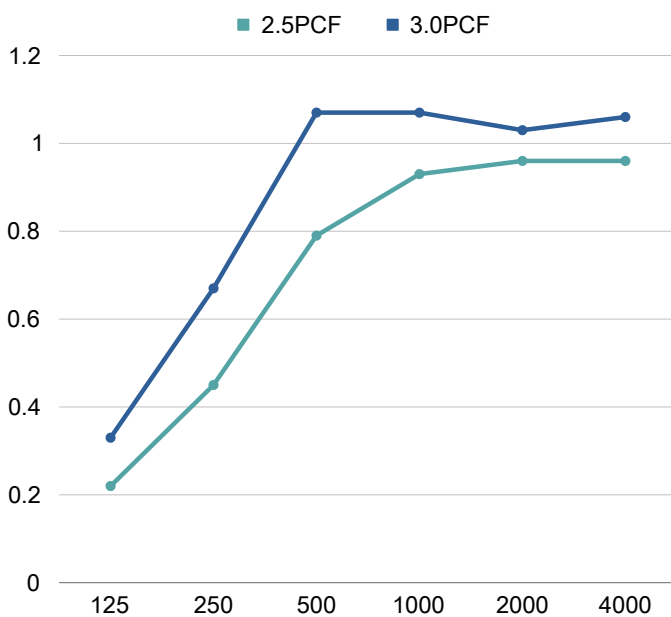


TECHNICAL AND ACOUSTIC PERFORMANCE



		FREQUENCY (Hz)						
		125	250	500	1000	2000	4000	NRC
2.5PCF	ASTM Standard Reporting	0.22	0.45	0.79	0.93	0.96	0.96	0.80
2.5PCF	Common Industry Reporting: 2 Sides of Baffle	0.44	0.90	1.58	1.86	1.93	1.91	1.57
3.0PCF	ASTM Standard Reporting	0.33	0.67	1.07	1.07	1.03	1.06	0.95
3.0PCF	Common Industry Reporting: 2 Sides of Baffle	0.66	1.34	2.14	2.14	2.06	2.12	1.92

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
0.80 | 50mm



Canadian Made
Manufactured in Edmonton, Alberta since 1974



Fire Resistant
Class A/1
ASTM E-84 &
CAN/ULC S102



Moisture Resistant
<5% - ASTM C1104
Pass - ASTM C1338
Pass - ASTM 1304



Safe
Mounting System
Designed for Zero
Probability Failures



Recycled Material
Eco - Friendly
LEED Friendly



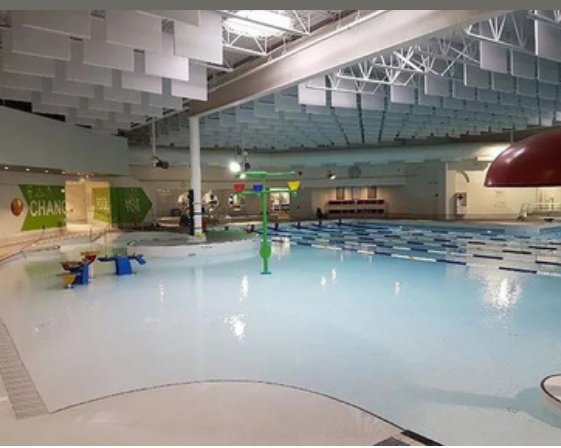
Weight
2.5 or 3.0 PCF
Density
40 or 48 kg/m³



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

SUITABLE FOR

Schools, Boardrooms, Offices, Multipurpose Spaces, Halls, Restaurants, Theatres, Cafeterias, Open Concept Offices, Libraries, Etc.



Western Noise Control
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