

ECHOTROL™ RIGID BAFFLES



WHAT ARE ECHOTROL™ RIGID BAFFLES?

Echotrol™ Rigid Baffles excel in acoustic management, outperforming leading baffles with their superior sound enhancement capabilities. Specifically engineered for high acoustic performance, they are ideal for settings like offices, educational institutions, and public areas. These baffles proficiently absorb and dampen sound, significantly reducing noise and echo, thereby facilitating clearer and more effective communication. Their exceptional sound-absorbing properties make them a practical and effective choice for both new constructions and renovations.

Offered in a broad spectrum of colors and finishes, Echotrol™ Rigid Baffles don't just excel in sound management; they also contribute to the aesthetic enhancement of any space. Their adaptable design ensures they blend well with various architectural styles, allowing for tailored visual integration to suit specific design requirements.

Committed to both environmental responsibility and safety, Echotrol™ Rigid Baffles are made using eco-friendly materials and comply with fire safety standards. Their outstanding acoustic performance, coupled with a focus on sustainability and design flexibility, positions Echotrol™ Rigid Baffles as a leading choice in advanced, efficient, and stylish sound management solutions.



TECHNICAL AND ACOUSTIC PERFORMANCE

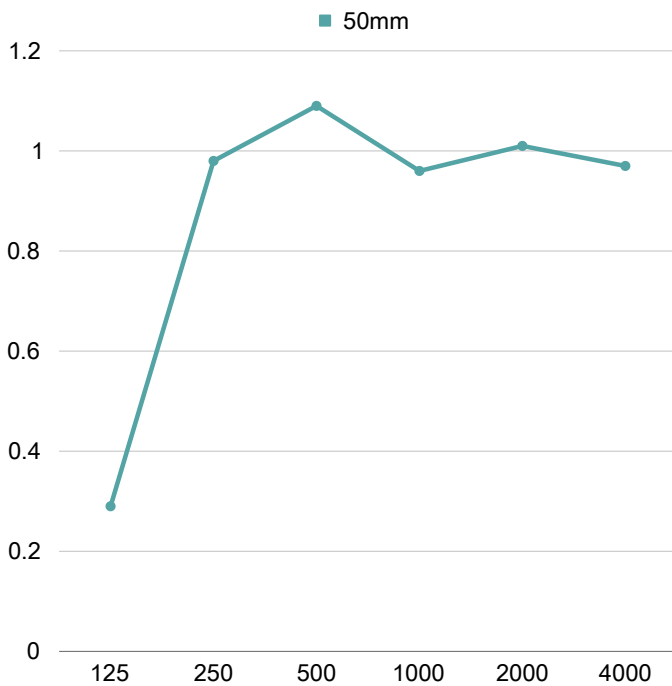
ASTM Standard Reporting Values

Common Industry Reporting Values:
2 Sides of Baffle



		FREQUENCY (Hz)						
		125	250	500	1000	2000	4000	NRC
2"	50mm	0.29	0.98	1.09	0.96	1.01	0.97	1.00
2"	50mm	0.58	1.96	2.18	1.92	2.02	1.94	2.02

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
1.0 | 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



Customizable
Bespoke Shapes
& Colours



Simple Cleaning
Vacuum



Weight
6 PCF Density
96 kg/m³



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

Standard Depths:
12" | 24" | 48"

SUITABLE FOR

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



Western Noise Control
www.acousticsolutions.com
1-800-661-7241
info@acousticsolutions.com