



**Western Noise Control**  
Engineered Acoustic Solutions

# ECHOTROL ACOUSTIC BAFFLES

**ECHOTROL ACOUSTIC BAFFLES** offer excellent sound absorption characteristics in a number of very affordable and cost effective architectural finishes. These attributes enable them to be utilized in virtually any interior environment requiring sound quality improvements. Each baffle consists of semi-rigid medium density and formaldehyde-free acoustical fiberglass. Finishes include fire rated acoustical fabrics in a variety of colors and textures.



## ACOUSTICAL PERFORMANCE

Sound Absorption Coefficients - 2.5PCF

| PANEL THICKNESS |        | FREQUENCY |             |             |             |             |        |              | NRC |
|-----------------|--------|-----------|-------------|-------------|-------------|-------------|--------|--------------|-----|
| Imperial        | Metric | 125Hz     | 250Hz       | 500Hz       | 1000Hz      | 2000Hz      | 4000Hz |              |     |
| 2"              | 51mm   | 0.22      | <b>0.45</b> | <b>0.79</b> | <b>0.93</b> | <b>0.96</b> | 0.96   | <b>0.80*</b> |     |

\*Note: Average NRC is based on the 250,500, 1000, and 2000 Hz frequency bands and rounded to nearest multiple of 0.05. Also note that sound absorption for a vertically hung Acoustic Baffle is significantly higher than that of a wall/ceiling mounted Acoustic Panel given its larger (approximately double) exposed surface area. Large rooms with high ceilings require both ceiling baffles and wall panels to achieve significant reductions in reverberation/echo.

**SPECIFICATION:** Echotrol Acoustic Baffles are manufactured by Western Noise Control, [info@acousticsolutions.com](mailto:info@acousticsolutions.com) Toll Free 1-800-661-7241

## ADVANTAGES

- only acoustic baffle made with formaldehyde-free acoustic fiberglass
- wide range of colours, shapes, and sizes available
- simple to install
- cleanable
- fire rated

## APPLICATIONS

### ARCHITECTURAL

- gymnasiums, libraries, auditoriums
- swimming pools
- community halls
- computer rooms
- music rooms
- cafeterias
- theatres
- arenas

### INDUSTRIAL

- mechanical rooms
- warehouses
- factories

Western Noise Control (2015) Ltd.

2510 - 84 Avenue NW

Edmonton, AB T6P 1K3

Phone: (780) 423-2119

Fax: (780) 426-0325

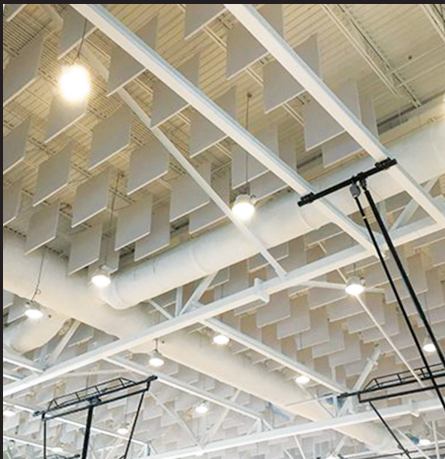
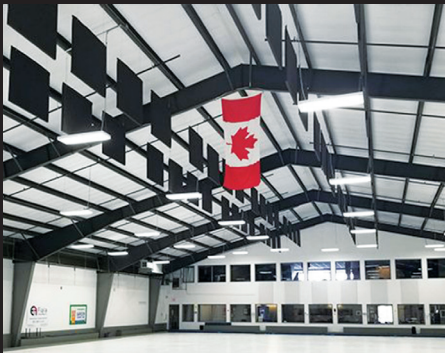
Toll Free: 1-800-661-7241

Email: [info@acousticsolutions.com](mailto:info@acousticsolutions.com)

Web: [www.acousticsolutions.com](http://www.acousticsolutions.com)

## APPLICATION

The flexibility of our **ECHOTROL ACOUSTIC BAFFLES** allows them to be used in most interior areas requiring acoustical upgrading. The baffles may be installed in a variety of ways including linear or 3D patterns with one or multiple colour arrays.



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Web: [www.acousticsolutions.com](http://www.acousticsolutions.com)

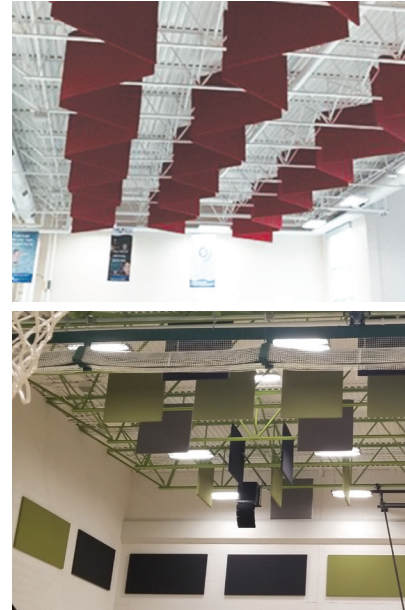
# ECHOTROL BAFFLE (EB) SERIES

## SIZES AND SHAPES

Standard sizes include any square or rectangle within a 4' x 8' grid.

## FLAME/SMOKE TESTING

|                           |              |
|---------------------------|--------------|
| CAN / ULC - S102          | Passes       |
| ASTM E-84                 | Class 1 or A |
| NFPA-701                  | Passes       |
| Boston Fire Code BFD 1X-1 | Passes       |
| State of Ca. CS-191-53    | Passes       |
| GSA-PBS                   | Passes       |
| UL Test #214              | Passes       |



## VARIATIONS

Standard variations of the ECHOTROL Baffles are as follows:  
EB-50 50mm Baffle

## SHAPES

