Memtech Acoustics

SONEX® Linear Absorbers

Product Information



SONEX® Linear straight-line baffles provide excellent sound control and a modern appearance. Highly customizable options offer optimum form and function in lobbies and entries, open-plan offices, museums and entertainment facilities, showrooms, lecture halls, worship centers and more. SONEX Linear Absorbers are easy to install using channel trim and pinta acouSTIC™ adhesive.

>> Advantages

- Streamlined appearance
- Excellent sound absorption
- Mold resistant
- Custom sizes and colors
- Easy installation

2175 Avon Industrial Drive
Rochester Hills, MI 48309
+1 (248) 289-1123
sales@memtechacoustics.com
www.memtechacoustics.com

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SONEX® Linear Absorbers Material

Product Information

SONEX Linear Absorber Material

- Made from WILLTEC™ foam
- Natural white or light grey
- Water based acoustic coated in white, light grey, medium grey, dark grey, black and other premium and custom colors for easy cleaning and durability
- Custom linear shapes available

C-channel Material*

- C-channel trims fasten directly to wall and ceiling substrates
- Roll-formed painted steel with hemmed edges
- Length: Up to 10 feet (3.05 m)
- Flanges: 15/16 x 1-15/16 inch (24 x 49 mm) ID

* *Not provided by pinta acoustic.*

Sizes

- Length: Up to 96 inches (2438 mm)
- Depth: 6 to 24 inch (152 to 610 mm)
- Thickness: 2 inches (51 mm)

Applications

- Flat or sloped ceilings and walls
- Recessed pocket areas within drywall surrounds
- Create or suit ceiling elevation changes
- Tailor depths of linear sections by design, plan and dimension
- Peak visual interest within various spaces

Installation

- First fasten the c-channel trims* directly to the wall or ceiling substrates
- Run a continuous bead of acouSTIC adhesive within the c-channel before slip-fitting SONEX linear baffle absorber into the c-channel
- Before butting baffles tight in continuous rows, apply short beads of acouSTIC adhesive to baffle ends; then spread using a 1-inch putty knife

Physical Data—willtec foam

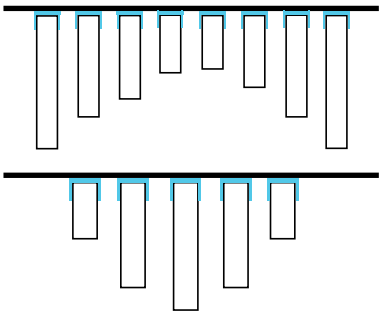
Material	Open-cell melamine-based foam
Density	0.5 to 0.7 lbs./cu. ft. (ASTM D3574-77)
Long-Term Service Temperature	302°F (150°C)
Flame Spread and Smoke Density	Passes Class A per ASTM E 84 (all finishes) Meets UL 1715 (WILLTEC natural) Passes CAN ULCS-102
Microbial Growth	Passes UL 181, section 11
Fungus Resistance	Rating 0 per ASTM G21
Toxicity	Passes University of Pittsburgh Toxicity of Smoke Emission test
Absorber Finishes	Natural white, grey or HPC-coated, custom colors available

Sound Absorption

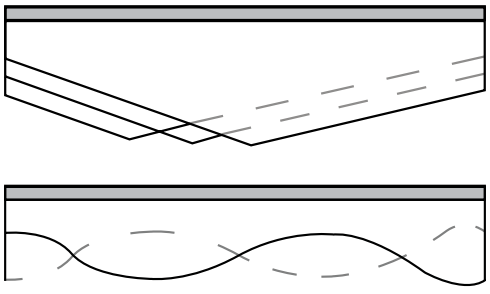
(In sabins) Test ASTM C423-90a

Frequency (Hz)	12 x 96 x 2 inches (305 x 2438 x 51 mm), Natural white
125	1.0
250	5.4
500	10.8
1K	16.3
2K	18.7
4K	24.0
Average sabines per baffle	12.7

Ceiling Sections



Ceiling Elevations



>> Other Products

- Direct-Apply Ceiling and Wall Panels
- Suspended Ceiling Clouds and Baffles
- Suspended Grid Lay-in Panels
- Barriers, Foam and Composites

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