

SONEX® Linear Absorbers Product Information



SONEX® Linear straight-line baffles provide excellent sound control and a modern appearance. Highly customizable options, such as signature profiles and a T-shaped design, offer optimum form and function in lobbies and entries, open-plan offices, museums and entertainment facilities, showrooms, lecture halls, worship centers and more. Class 1 fire-rated, SONEX Linear Absorbers are easy to install using channel trim and pinta acouSTIC™ adhesive.

>> Advantages

- Streamlined appearance
- Excellent sound absorption
- Class 1 fire-rated and mold resistant
- Custom sizes, profiles and colors
- Easy installation

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SONEX® Linear Absorber Material

Product Information

SONEX Linear Absorber Material

- Made from pinta's willtec® foam
- Natural white or light grey
- Water based acoustic coated in white, ivory, light blue, light grey, medium grey, dark grey, black and other premium and custom colors for easy cleaning and durability
- T-shape linear profile design options and custom straight 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)

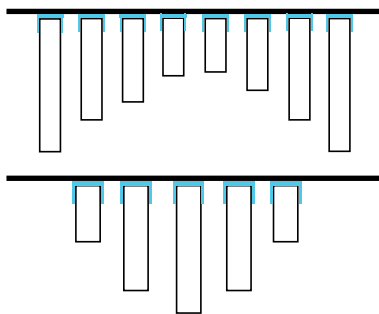
Applications

- 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

Ceiling Sections



Physical Data—willtec foam

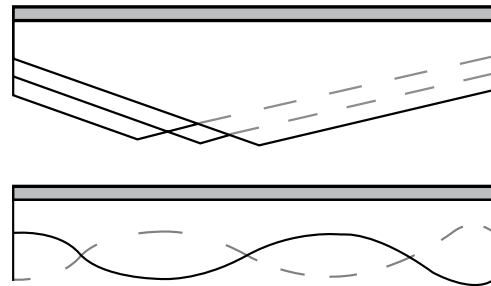
Material	Open-cell melamine-based foam
Density	0.5 to 0.7 lbs./cu. ft. (ASTM D3574-77)
Long-Term Service Temperature	302°F (150°C)
Fire Resistance	Class 1 per ASTM E 84 (all finishes) Meets UL 1715 (willtec natural)
Flame Spread per ASTM E 84	Natural: 5 Water-based acoustic coated: 15
Smoke Density per ASTM E 84	Natural: 50 Water-based acoustic coated: 45
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

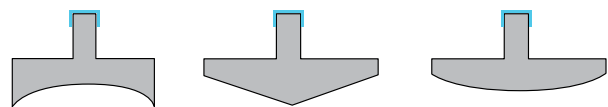
(In sabins) Test ASTM C423-90a

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 Elevations



T-shaped Profiles



Additional ceiling sections, ceiling elevations and T-shaped profile ideas are available on our SONEX Linear Design Options sheet.

>> Other Products

- Wall Panels
- Ceiling Tiles
- Ceiling Clouds
- Barriers, Foams and Composites

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