

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 acouSTIC™ adhesive.

## >> | Advantages

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

### SONEX Linear Absorber Material

- Made from pinta's willtec® foam
- Natural white or light grey
- HPC-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)

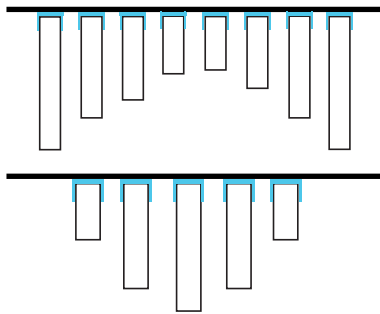
### Applications

- 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



## SONEX® Linear Absorber Material

### Product Information

#### Physical Data—willtec foam

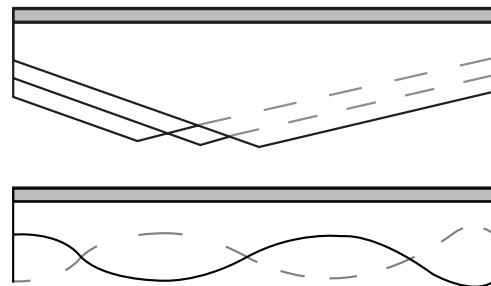
|                               |   |
|-------------------------------|---|
| Material                      | Open-cell melamine-based foam   |
| Density                       | 0.5 to 0.7 lbs./cu. ft. (ASTM D3574-77)                                     |
| Long-Term Service Temperature | 302°F (150°C)   |
| Fire Resistance               | Class 1 per ASTM E 84 (all finishes)<br>Meets UL 1715 (willtec natural)     |
| Flame Spread per ASTM E 84    | Natural: 5<br>HPC-coated: 15  |
| Smoke Density per ASTM E 84   | Natural: 50<br>HPC-coated: 100  |
| 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,<br>(standard, premium and custom colors) |

#### Sound Absorption

(In sabins) Test ASTM C423-90a

|                            |   |
|----------------------------|---|
| Frequency (Hz)             | 12 x 96 x 2 inches (305 x 2438 x 51 mm),<br>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

