

SONEX® PLANO Absorbers Product Information



SONEX® PLANO Absorbers provide exceptional sound absorption with virtually unlimited profile shapes and T-grid ceiling plans. Profiles include convex, concave, wedge and custom contours. The baffles are easy to suspend from a standard T-grid system in crosshatch, straight line or other patterns across the width or length of the ceiling for a signature design. Class 1 fire-rated, these baffles reduce echo and sound reverberation in large open areas.

>> Advantages

- Custom shape profiles
- Exceptional sound control
- For retrofitting and new construction
- Easy standard T-grid installation
- Class 1 fire rated

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SONEX® PLANO Absorbers

Product Information

SONEX PLANO 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
- Custom profile shapes available

Sizes

- Length: Up to 48 inches (1219 mm)
- Depth: 24 to 32 inches (610 to 813 mm)
- Thickness: 2 inches (51 mm)

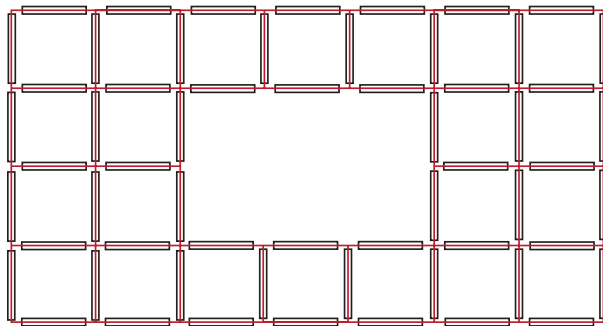
Applications

- Large open areas
- Lobbies and entries
- Entertainment facilities
- Universities
- Cafeterias
- Manufacturing and assembly areas

Installation

- Follow manufacturer's instruction to install T-grids
- Slide T-rail into groove on the top of the baffle
- Clip into standard 15/16" T-grid

Ceiling Plan



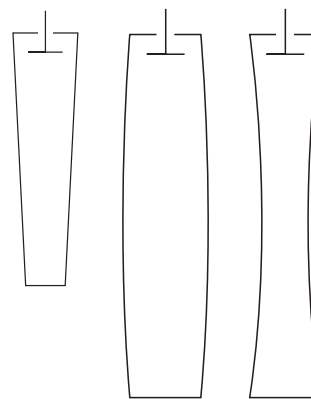
Physical Data—willtec foam

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 HPC-coated: 15
Smoke Density per ASTM E 84	Natural: 50 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, custom colors available

Sound Absorption (In sabins) Test ASTM C423-90a

Frequency (Hz)	24 x 48 x 2 inches (610 x 1219 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

Profile Shapes



Additional ceiling plans and profile shapes are available on our SONEX PLANO design options sheet.

>> Other Products

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

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