

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 Absorber Material

- Made from WILLTEC® foam
- Natural white or light grey
- Water-based acoustic coating in standard, 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)

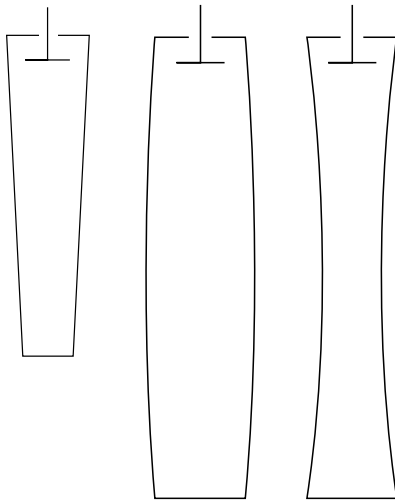
Applications

- 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" (24 mm) T-grid

Profile Shapes



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) CAN ULCS-102
Flame Spread per ASTM E 84	Natural: 5 Water-based acoustic coated: 15 CAN ULCS-102
Smoke Density per ASTM E 84	Natural: 50 Water-based acoustic 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 water-based acoustic 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

Ceiling Plan

