Memtech Acoustics

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. 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

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Product Information

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)

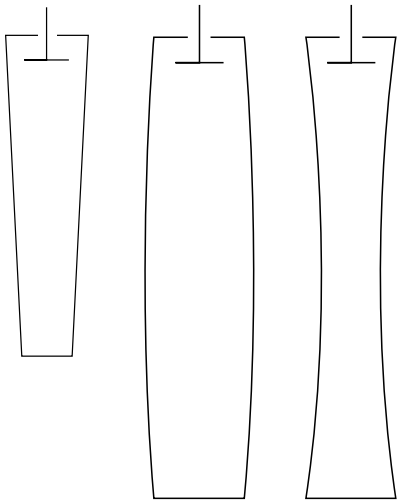
Applications

- 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

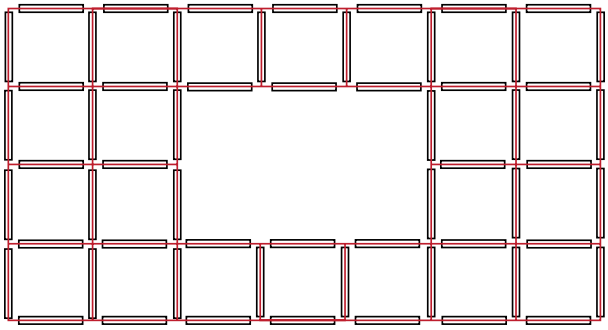
Material	Open-cell melamine-based foam
Density	0.5 to 0.7 lbs./cu. ft. (ASTM D3574-77)
Long-Term Service Temperature	302°F (150°C)
Flame Spread and Smoke Density	Passes Class A per ASTM E 84 (all finishes) Passes CAN ULCS-102
Microbial Growth	Passes UL 181, section 11
Fungus Resistance	Rating 0 per ASTM G21
Toxicity	Passes University of Pittsburgh Toxicity of Smoke Emission test
Absorber Finishes	Natural white, grey or 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	1.8
250	9.2
500	16
1K	21
2K	23
4K	28
Average sabines per baffle	16.5

Ceiling Plan



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

>> 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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