

Memtech Acoustical, LLC

Your Source for Noise Control Solutions

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Product Information



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Sonex One Baffles

- Softly sculpted surface pattern on both sides Designed to hang from ceilings in large, open rooms
- Excellent sound absorption across all frequencies
- Baffle size of 24" x 48" by 3" thickness

Applications:

- ✓ Gymsnasiums
- ✓ Multipurpose rooms
- ✓ Large classrooms or music rooms
- ✓ Manufacturing facilities
- ✓ Aquatic Centers and indoor pools
- ✓ Any large, open room



SONEX One Baffles are an ideal solution to reverberation and overall noise problems. These versatile baffles can be used in a variety of settings including: auditoriums, gymnasiums, indoor swimming pools, recreation centers and production facilities. SONEX One Baffles are made from pinta's exclusive willtec® foam, which is Class 1 fire-rated according to ASTM E 84 for flame spread and smoke density. willtec natural also meets the corner burn test UL 1715.

In addition to its high fire safety rating, willtec foam provides excellent sound absorption across all frequencies and helps prevent noise buildup that interferes with speech intelligibility. SONEX One Baffles are available in natural or HPC-coated finishes. Our exclusive HPC formulation protects the foam from dust and dirt and makes it possible to wipe baffles clean using only a damp cloth.

SONEX One Baffles are equipped with integrated straps and grommets for easy installation on ceiling-mounted cables or chains. Baffles can be aligned in the same direction or arranged so that every other baffle is turned 90 degrees.

Physical Data—willtec® foam

Material	Open-cell melamine-based foam
Density	0.5 to 0.7 lbs./cubic ft. (ASTM D3574-77)
Long-Term Service Temperature	302° F
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: 150
Microbial Growth	Passes UL 181, section 11
Fungus Resistance	Rating 0 per ASTM G21
Finishes	Natural (white and light grey) or HPC-coated

Sound Absorption

Finish	Thickness	Sabins per Baffle per ASTM C423-90a						Average
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	
Natural (white and light grey)	3"	2.3	5.7	10.5	15.3	18.6	24.8	12.9
HPC-coated (black, grey, white or almond)	3"	.076	3.96	10.92	18.2	18.45	18.05	12.9