



- 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

SONEX[®] One Baffles Product Information

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 of foam, which is Class 1 fire-rated according to ASTM E 84 for flame spread and smoke density and meets the corner burn test UL 1715.

In addition to its high fire safety rating, the 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, painted or Hypalon[®]-coated finishes. Our exclusive Hypalon 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.

For detailed installation instructions, please see our baffle installation guide.

ArtUSA
1-770-246-7827

willtec meets ASTM E 84 Class 1 fire rating SONEX® One baffles in music room



Applications

- Multipurpose rooms and gymnasiums
- Large classrooms or music rooms
- Manufacturing facilities
- Aquatic centers and indoor pools
- Any large, open room with reverberation problems

Physical Data— 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
	Painted: 10 Hypalon [®] -coated: 25
Smoke Density per ASTM E 84 Natural:	50
	Painted: 10 <u>Hypalon-coated: 65</u>
Microbial Growth	Passes UL 181, section 11
Fungus Resistance Rating	0 per ASTM G21
Finishes	Natural (white and light grey), painted or Hypalon-coated

Sound Absorption

Finish Thickness	Sabins per Baffle per ASTM C423-90a							
	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	Average	
Natural (white and light grey)	3	2.3	5.7	10.5	15.3	18.6	24.8	12.9
Painted (charcoal, beige, brown or blue)	3	1.1	4.2	12.5	20.9	22.8	21.6	15.1
Hypalon-coated (black, grey, white or almond)	3	.076	3.96	10.92	18.2	18.45	18.05	12.9