



SONEX® One Panels

Product Information

- Softly sculpted surface pattern
- Excellent sound absorption across all frequencies
- Helps reduce noise, unwanted sounds and reverberation in many types of interior environments
- Panel size of 24" x 48" by 2" or 3" thickness
- Beveled edges for a finished look

SONEX One Panels are a versatile product, offering effective acoustic control in a variety of applications and environments including industrial facilities, multi-purpose rooms and architectural projects. SONEX One Panels are attractive and reliable, featuring Noise Reduction Coefficient (NRC) ranging from 0.85 to 1.10. The sculpted surface of each panel deflects and disperses sound waves, allowing the open-cell willtec® foam to convert sound energy into quiet, kinetic energy.

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

SONEX One Panels are available in natural, colortec™ and water-based HPC-coated finishes. Our exclusive HPC formulation protects the foam from dust and dirt and makes it possible to wipe panels clean using only a damp cloth. Panels are also available in colortec (the entire thickness of the foam is dyed a deep charcoal) and colortec premium (colortec with a more uniform surface color). These panels are especially appropriate for high-traffic areas.

SONEX One Panels are easy to install on any wall and/or ceiling surface with pinta's acouSTIC water-based adhesive. The panels can also be used in conjunction with SONEX One Baffles, which have the same pattern but are designed to hang from ceilings in large rooms or open interior spaces.

Fast and easy installation



Elementary school's multipurpose room has SONEX® One Panels installed to improve learning environment



HPC-coated SONEX One Panels help reduce excessive reverberation at printing company



Applications

- Retail stores
- Printing pressrooms
- Production facilities
- Aquatic and recreation centers
- Educational facilities and daycare centers

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 colortec: 10
Smoke Density per ASTM E 84	Natural: 50 HPC-coated: 100 colortec: 10
Microbial Growth	Passes UL 181, section 11
Fungus Resistance	Rating 0 per ASTM G21
Finishes	Natural (white and light grey), painted or HPC-coated (standard, premium and custom colors)

Sound Absorption

Finish	Thickness	Coefficients per ASTM C423-90a							Mounting Type
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC	
Natural (white and light grey)	2"	0.11	0.33	0.85	1.05	1.09	1.06	0.85	B
	3"	0.09	0.68	1.20	1.18	1.12	1.05	1.05	A
HPC-coated (standard, premium and custom colors)	2"	0.13	0.41	1.02	1.18	1.18	1.13	0.95	B
colortec (charcoal)	2"	0.05	0.31	0.81	0.96	0.97	0.97	0.75	A
colortec premium (charcoal)	2"	0.05	0.31	0.81	0.96	0.97	0.97	0.75	A