



SONEXone™ 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" in 2" or 3" thickness
- Beveled edges for a finished look

SONEXone 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. SONEXone 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.

illbruck's exclusive 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.

SONEXone Panels 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 panels clean using only a damp cloth.

SONEXone Panels are easy to install on any wall and/or ceiling surface with illbruck's acouSTIC™ water-based adhesive. The panels can also be used in conjunction with SONEXone 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 SONEXone™ Panels installed to improve learning environment.



Hypalon®-coated SONEXone 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 degrees 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 Hypalon-coated: 65
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	Coefficients per ASTM C423-90a							NRC	Mounting Type
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz			
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	
Painted (charcoal, beige, brown or blue)	2"	0.07	0.37	0.89	1.05	1.04	1.03	0.85	B	
	3"	0.15	0.72	1.21	1.20	1.15	1.13	1.05	A	
Hypalon-coated (black, grey, white or almond)	2"	0.13	0.41	1.02	1.18	1.18	1.13	0.95	B	
	3"	0.13	0.85	1.25	1.22	1.13	1.14	1.10	A	

Other Products

illbruck acoustic, inc. manufactures a broad range of attractive, acoustic ceiling tiles, wall panels and baffles for commercial and industrial applications, including:

- SQUARELINE® Metal Ceiling Tiles
- CONTOUR®, HARMONI™ and WHITELINE® Ceiling Tiles
- illbruck Ceiling Grids
- FABRITEC™ Wall Panels
- SONEX® Baffles and Curtains
- PROSPEC® Barriers, Foams and Composites