



- Bold, geometric pattern
- Seamless installation
- Excellent acoustic control
- Panel size of 24" x 24" in 2", 3" or 4" thickness

## SONEXpyramid™ Panels

### Product Information

SONEXpyramid Panels offer outstanding acoustic control across all frequencies with Noise Reduction Coefficient (NRC) ranging from 0.75 to 1.05. The unique geometric design of these panels dramatically increases the panels' surface area, providing much more acoustic control than flat surfaces. SONEXpyramid Panels are made from illbruck's 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.

SONEXpyramid Panels, available in either natural or painted willtec, can be easily mounted to any wall or ceiling surface with illbruck's acouSTIC water-based adhesive. Once installed, the 24" x 24" panels align to make an attractive, seamless pattern.

SONEXpyramid™ Panels used in an office building.



willtec meets ASTM E-84 Class 1 fire rating.



SONEXpyramid panels used in a manufacturing facility.



### Applications

- Displays, showrooms and museums
- Machine rooms or manufacturing areas
- Modern offices and building interiors
- Recreational facilities
- Recording studios and listening rooms
- Restaurants and cafeterias

### 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
Smoke Density per ASTM E 84	Natural: 50 Painted: 10
Microbial Growth	Passes UL 181, section 11
Fungus Resistance	Rating 0 per ASTM G21
Finishes	Natural (white and light grey) or painted

### Sound Absorption

Finish	Thickness	Coefficients per ASTM C423-90a							Mounting Type
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC	
Natural (white and grey)	2"	0.07	0.25	0.60	0.94	0.97	1.08	0.70	B
	3"	0.09	0.37	0.81	1.01	1.03	1.07	0.80	B
	4"	0.18	0.44	0.96	1.14	1.18	1.19	0.95	B

### 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
- PROSPEC® Barriers, Foams and Composites