



- Smaller convoluted surface pattern
- Ideal for machine enclosures and other applications requiring thinner panels
- Panel size of 24" x 48" in 1" or 1½" thickness

## SONEXmini™ Panels

### Product Information

SONEXmini Panels provide excellent sound absorption, especially in environments requiring high-frequency noise control. Made with illbruck's exclusive willtec® foam, SONEXmini Panels are a safety-minded choice for use in machine enclosures and other confined spaces. willtec foam is Class 1 fire-rated according to ASTM E 84 for flame spread and smoke density. It can withstand constant temperatures above 300° Fahrenheit, and will char, but not ignite, at temperatures above 1100° Fahrenheit. willtec natural meets the corner burn test UL1715.

SONEXmini Panels, available in natural or painted willtec, are easy to install on any wall and/or enclosure surface with illbruck's acouSTIC™ water-based adhesive. Refer to our installation sheet for more information.

#### 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							NRC	Mounting Type
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz			
Natural	1"	0.11	0.17	0.40	0.72	0.79	0.91	0.50	A	
(white and light grey)	1½"	0.14	0.21	0.61	0.80	0.89	0.92	0.65	A	

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