



- Excellent acoustic control across all frequencies
- Subtle surface pattern
- Easily mounts to any ceiling and/or wall surface with illbruck's acouSTIC™ adhesive
- Panel size of 24" x 48" in 1½", 1⅞" or 2½" thickness

## SONEXvalueline™ Panels

### Product Information

SONEXvalueline Panels provide effective acoustic control at an affordable price. The subtle surface pattern on these panels renders them inconspicuous in most settings, making them suitable for a variety of interior settings including manufacturing facilities, churches and classrooms. SONEXvalueline Panels are made from willtec® foam, which is Class 1 fire-rated for flame spread and smoke density. willtec natural also meets the corner burn test UL 1715.

SONEXvalueline Panels offer excellent acoustical control across all frequencies with Noise Reduction Coefficient (NRC) ranging from 0.75 to 1.05. They are especially effective at absorbing excessive sound at the middle frequencies (500 and 1,000 Hz) where unwanted noise and reverberation can interfere with communication.

Panels are available in natural or painted willtec and can be easily mounted to any wall or ceiling surface with illbruck's acouSTIC™ water-based adhesive. Separate panels by 1" from adjacent panels for a more uniform appearance. SONEXvalueline Panels can also be used in conjunction with SONEXvalueline Baffles, which have the same unique surface pattern. Baffles are designed to hang from ceilings in large rooms or open interior spaces.

Panels installed in indoor pools absorb excessive echo and do not warp, sag or grow mold.



willtec meets ASTM E 84 Class 1 fire rating.



Shown with recommended 1" gap between panels for a balanced look.



### Applications

- Manufacturing facilities and industrial assembly areas
- Classrooms and music rooms
- Machine enclosure lining
- Recreational facilities
- Multipurpose 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 Hypalon®-coated: 25
Smoke Density per ASTM E 84	Natural: 50 Painted: 10 Hypalon-coated: 65
Fungus Resistance	Rating 0 per ASTM G21
Microbial Growth	Passes UL 181, section 11
Finishes	Natural (white and light grey), painted or Hypalon-coated*

\*Minimum order of 20 boxes.

### Sound Absorption

Finish	Thickness	Coefficients per ASTM C423-90a							Mounting Type
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC	
Natural (white and light grey)	1½"	0.08	0.29	0.73	0.94	0.97	0.89	0.75	B
	1⅞"	0.17	0.55	1.07	1.15	1.08	1.10	0.95	B
	2½"	0.19	0.62	1.15	1.21	1.14	1.20	1.05	B
Painted (charcoal, beige, brown or blue)	1½"	0.06	0.34	0.79	1.02	1.00	0.98	0.80	B
	1⅞"	0.19	0.55	1.17	1.21	1.15	1.13	1.00	B
	2½"	0.20	0.66	1.20	1.19	1.12	1.12	1.05	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