



- Famous anechoic wedge shape
- Noise Reduction Coefficient (NRC) ranging from 0.75 to 0.80
- Available with special colortec™ process
- Panel size of 24" x 48", 2" thick SONEXclassic and 24" x 24", 2" thick SONEXjunior

## SONEXclassic™ Panels SONEXjunior™ Panels

### Product Information

SONEXclassic and SONEXjunior Panels feature a modified anechoic wedge design for cost-effective, yet impressive sound control. The unique geometric shape of the surface pattern on these panels provides optimum deflection of sound waves, making them an excellent choice for recording and broadcast studios. These versatile panels can also be used in listening rooms, restaurants, production areas and other locations where sound absorption is critically important. Panels offer excellent acoustical control across all frequencies with Noise Reduction Coefficient (NRC) ranging from 0.75 to 0.80.

SONEXclassic and SONEXjunior Panels are available in either natural or painted willtec® as well as colortec, a process through which the entire thickness of the foam panel is dyed a deep charcoal. These panels are especially appropriate for high-traffic areas.

Regardless of the finish option, illbruck's exclusive willtec foam is Class 1 fire-rated according to ASTM E 84 for flame spread and smoke density. willtec natural and colortec meet the corner burn test UL 1715.

These panels can easily be mounted to any wall or ceiling surface with illbruck's acouSTIC™ water-based adhesive.

SONEXclassic™ Panels in charcoal colortec used in control room of broadcast facility.



willtec meets ASTM E 84 Class 1 fire rating.



SONEXclassic Panels in natural light grey willtec used to reduce echo in recording studio.



### Applications

- Recording, broadcast studios and listening rooms
- Machine enclosures and print shops
- Indoor firing ranges
- Museums or interactive display areas
- Clubs, bars and restaurants

### 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 and colortec)
Flame Spread per ASTM E 84	Natural: 5 Painted: 10 colortec™: 10
Smoke Density per ASTM E 84	Natural: 50 Painted: 10 colortec: 10
Microbial Growth	Passes UL 181, section 11
Fungus Resistance	Rating 0 per ASTM G21
Finishes	Natural (white and light grey), painted or colortec

### Sound Absorption

Finish	Thickness	Coefficients per ASTM C423-90a							Mounting Type
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC	
Natural (white and grey)	2"	0.05	0.31	0.81	1.01	0.99	0.95	0.80	A
Painted (charcoal, beige, brown and blue)	2"	0.17	0.33	0.85	1.03	1.08	1.06	0.80	B
colortec (charcoal)	2"	0.05	0.31	0.81	0.96	0.97	0.97	0.75	A

### Other Products

illbruck acoustic, inc. manufactures a broad range of attractive and effective acoustic and noise control products – including ceiling tiles, wall panels and baffles – for commercial and industrial applications.

- 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