

Memtech Acoustical, LLC

Your Source for Noise Control Solutions

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Product Information 

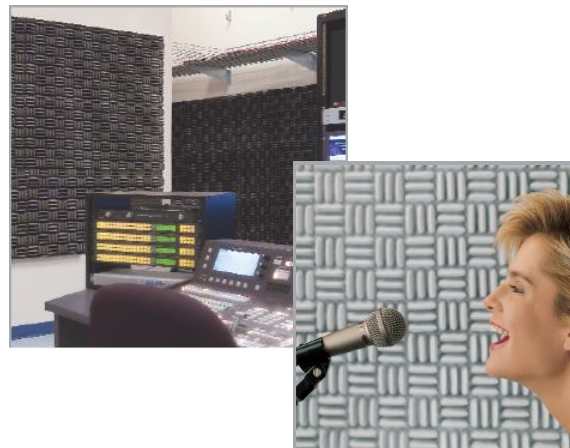
www.memtechacoustical.com

Sonex Junior Panels

- 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 24", 2" thick SONEX Junior

Applications:

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



SONEX Junior 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 a Noise Reduction Coefficient (NRC) ranging from 0.75 to 0.80.

SONEX Junior Panels are available in natural willtec®. The panels are also offered in colortec (the entire thickness of the foam panel is dyed a deep charcoal) and colortec premium (colortec with a more uniform surface color). These panels are especially appropriate for high-traffic areas.

Regardless of the finish option, pinta'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 pinta's acouSTIC water-based adhesive.

Physical Data—willtec® foam

Material	Open-cell melamine-based foam
Density	0.5 to 0.7 lbs./cu. ft. (ASTM D3574-77)
Long-Term Service Temperature	302°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 colortec: 10
Smoke Density per ASTM E 84	Natural: 50 colortec: 10
Microbial Growth	Passes UL 181, section 11
Fungus Resistance	Rating 0 per ASTM G21
Finishes	Natural (white and light grey), colortec or colortec premium

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
colortec (charcoal)	2"	0.05	0.31	0.81	0.96	0.97	0.97	0.75	A
colortec premium (charcoal)	2"	0.05	0.31	0.81	0.96	0.97	0.97	0.75	A