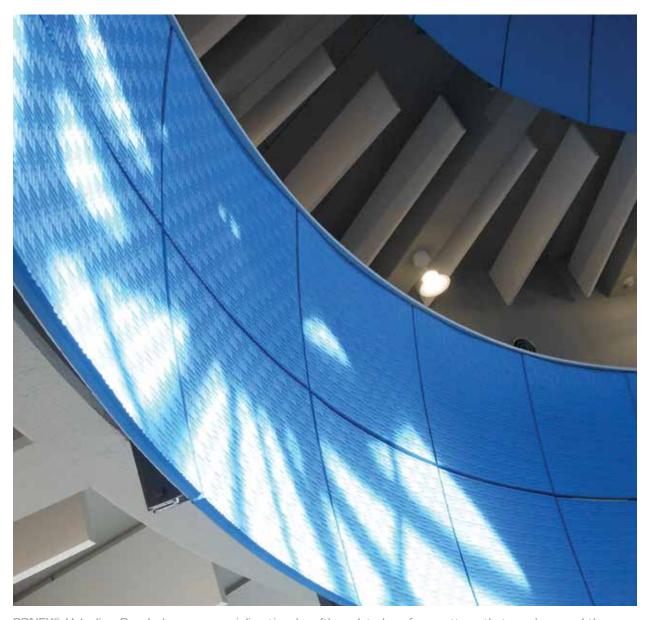


# SONEX® Valueline Panels

Product Information



SONEX® Valueline Panels have an omni-directional, softly-sculpted surface pattern that produces subtle, everchanging shadow and light play effects. The panels direct apply to walls and ceilings and provide superior sound absorption at very affordable prices. Made from lightweight, non-fibrous, open-cell expanded melamine WILLTEC™ foam, SONEX Valueline Panels are readily available in a variety of standard and custom panel sizes, thicknesses and water-base finishes. pinta acouSTIC™ PA-O2 water-base and PA-O4 neutral-cure silicone adhesives adhere panels to most substrates.

## >> Advantages

- Excellent acoustic absorption across all sound frequencies; lightweight, non-fibrous WILLTEC panels quickly adhere to most substrates and are easily cut to fit onsite
- Naturally resistant to mold, fungus and bacteria growth, panels can withstand high heat and humidity of indoor swimming pools

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# SONEX® Valueline Panels

Product Information

#### Material

- Made from open-cell, natural light grey or white WILLTEC™ expanded melamine foam
- Natural white or light grev
- Water-based acoustic coated in standard, premium and custom colors for easy cleaning and durability
- Non-repeating, omni-directional pattern, square-edge panels standard; optional 15, 22.5, 30 and 45-degree bevel edges also available

#### Size

- Typical panel size: 24"x 48" (610 x 1219 mm) and custom sizes and shapes up to 48" x 96" (1219 x 2438 mm)
- Typical thickness options: 1-1/2", 1-7/8" or 2-1/2" (38, 48 or 64 mm) and custom

#### **Applications**

- Modern office and conference spaces
- Retail and boutique stores
- Educational classrooms and libraries
- Art centers, museums and display showrooms
- Restaurants and cafeterias
- Manufacturing, production and assembly areas
- Indoor swimming pools, fitness centers and spas

#### **Direct-Apply, Glue-up Installation to Smooth Substrates**

- Use clean, thin, white cotton gloves to handle panels
- Cut acouSTIC<sup>TM</sup> adhesive cartridge tip to produce 1/4 inch (6.4 mm)-diameter bead
- Run a continuous bead of adhesive around the panel's perimeter, approximately 1.5 inch (38 mm) from edges, then apply intermittent beads from opposite corners through the center of the panel creating an X
- Press panel firmly into place and smooth evenly across it to ensure a strong, lasting bond; adhesive tack should be immediate
- Please consult pinta acoustic with any questions prior to your specific project application start





#### 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°F (150°C)				
Flame Spread and Smoke Density	Passes Class A per ASTM E 84 Passes CAN ULCS-102				
Microbial Growth	Passes UL 181, section 11				
Fungus Resistance	Rating 0 per ASTM G21				
Finishes	Natural (white and light grey), water-based acoustic coating (standard, premium and custom colors)				
Light Reflectance Value	0.87, arctic white				

### **Sound Absorption**

Finish		ness Coefficients per ASTM C423-90a									
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC	Type		
Natural (white and light grey)	1-1/2" (38 mm)	0.08	0.29	0.73	0.94	0.97	0.89	0.75	В		
	1-7/8" (48 mm)	0.15	0.35	0.82	1.01	1.02	1.05	0.95	В		
	2-1/2" (65 mm)	0.19	0.62	1.15	1.21	1.14	1.20	1.05	В		
Water-based acoustic coated (standard, premium and custom colors)	2" (51 mm)	0.13	0.41	1.02	1.18	1.18	1.13	0.95	В		
colortec (charcoal)	2" (51 mm)	0.05	0.31	0.81	0.96	0.97	0.97	0.75	А		

### >> Other Products

- Direct-Apply Ceiling and Wall Panels
- Suspended Ceiling Clouds and Baffles
- Suspended Grid Lay-in Panels
- Barriers, Foam and Composites

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