



SONEX® Valueline Panels have an omni-directional, softly-sculpted surface pattern that produces subtle, ever-changing shadow and light play effects. The panels direct apply to walls and ceilings and provide superior sound absorption at very affordable prices. Made from ASTM E 84 Class A, CAN ULCS-102 fire-rated, 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. acouSTIC™ PA-02 water-base and PA-03 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

Material

- Made from open-cell, natural light grey or white WILLTEC® expanded melamine foam
- Standard water-based acoustic coating color options in arctic white, ivory, beige, light blue, light, medium or dark grey, black and other premium or custom options are available; panels coated on one side and all edges standard
- 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™ adhesive cartridge tip to produce ¼ 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)
Fire Resistance	Class 1 per ASTM E 84 Meets UL 1715 (WILLTEC natural) CAN ULCS-102
Flame Spread per ASTM E 84	Natural: 5 Water-based acoustic coated: 15 CAN ULCS-102
Smoke Density per ASTM E 84	Natural: 50 Water-based acoustic coated: 100
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	Thickness	Coefficients per ASTM C423-90a							
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC	Type
Natural (white and grey)	1½" (38 mm)	0.08	0.29	0.73	0.94	0.97	0.89	0.75	B
	1¾" (48 mm)	0.17	0.55	1.07	1.15	1.08	1.10	0.95	B
	2½" (65 mm)	0.19	0.62	1.15	1.21	1.14	1.20	1.05	B
Water-based acoustic coated (standard, premium and custom colors)	2" (50 mm)	0.13	0.41	1.02	1.18	1.18	1.13	0.95	B
colortec (charcoal)	2" (50 mm)	0.05	0.31	0.81	0.96	0.97	0.97	0.75	A