



SONEX Valueline offers a versatile acoustic treatment with baffles and panels, each featuring an omni-directional, softly sculpted surface pattern that creates subtle, dynamic shadow and light play. Constructed from lightweight, non-fibrous, open-cell expanded melamine WILLTEC™ foam, both products deliver superior sound absorption. They are available in a variety of standard and custom sizes, thicknesses and water-based acoustic finishes to suit diverse aesthetic and performance needs. While SONEX Valueline Panels are designed for direct application to walls and ceilings using pinta acoustic adhesives, the baffles are engineered for easy suspension from ceilings utilizing mild or stainless-steel corkscrew hangers, providing effective acoustic control for various interior environments.



### **Advantages**

- Excellent acoustic absorption across all sound frequencies
- Lightweight, WILLTEC foam can easily be glued or suspended using hanger wire, cable gripper or stretch cable systems
- Naturally resistant to mold, fungus and bacteria growth, Valueline withstands high heat and humidity








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## Physical Data — WILLTEC foam

Material	Density	Long-Term Service Temperature	Flame Spread and Smoke Density	Microbial Growth	Fungus Resistance	Finishes
						
Open-cell melamine-based foam	0.5 to 0.7 lbs./cubic ft. (0.23 to 0.32 kg per m <sup>3</sup> ) ASTM D3574-77	302°F (150°C)	Passes Class A per ASTM E 84 Passes CAN ULC-S102	Passes UL 181, Section 11	Rating 0 per ASTM G21	Natural white and grey, water-based acoustic coated standard, premium and custom colors

### Material

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

### Size

- Typical panel/baffle 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:  
Panels: 1-1/2", 1-7/8" or 2-1/2" (38, 48 or 64 mm) and custom  
Baffles: 2" (51 mm) and custom

### Panels Glue-Up Installation to Smooth Substrates

- Use clean, thin, white, cotton gloves to handle panels
- Run a continuous ¼-inch (6 mm) adhesive bead around the perimeter, approx. 1-1/2" (38 mm) from edges; apply intermittent beads across panel creating an X
- Press firmly and smooth evenly to ensure a lasting bond

### Baffle Installation

- Integrated straps and grommets offer easy suspension
- Confirm baffle orientation prior to ordering

### Application

- Large, open, high ceiling areas
- Manufacturing, production and assembly areas
- Indoor pools, spas, gymnasiums and sports arenas
- Airports and other transportation facilities
- Cafeterias and breweries
- Music conservatories

### Sound Absorption - Panels

Finish	Thickness	Coefficients per ASTM C423-90a							Type
		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC	
Natural (white and grey)	1-1/2" (38 mm)	0.08	0.29	0.73	0.94	0.97	0.89	0.75	B
	1-7/8" (48 mm)	0.15	0.35	0.82	1.01	1.02	1.05	0.95	B
	2-1/2" (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" (51 mm)	0.13	0.41	1.02	1.18	1.18	1.13	0.95	B

### Sound Absorption - Baffles

Finish Thickness	(In sabins) ASTM C423-90a						
	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	Ave.
2" (51 mm) Thick, Natural	1.0	5.4	10.8	16.3	18.7	24.0	12.7

## >> Links

- [Color Chart](#)
- [3-Part Specs](#)
- [LEED® Credit Statement](#)
- [Maintenance of Products](#)
- [Baffles Drawing](#)
- [Panels Drawing](#)

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