



Memtech Acoustics 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, Memtech Acoustics Valueline Panels are readily available in a variety of standard and custom panel sizes, thicknesses and water-base finishes. PA-02 water-base and PA-04 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

Memtech Acoustics
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Materials

- 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

Sizes Memtech Acoustic Mini

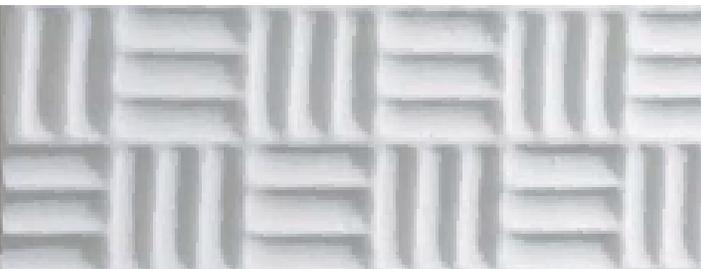
- Typical panel size: 24"x 48" (610 x 1219 mm) and custom sizes and shapes up to 48" x 96" (1219 x 2438 mm)
- Typical thickness options: 1-1/2", 1-7/8" or 2-1/2" (38, 48 or 64 mm) and custom

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

- Use clean, thin, white cotton gloves to handle panels
- Cut 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 Memtech Acoustics 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 (all finishes) 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 coated (standard, premium and custom colors)
Light Reflectance Value	0.87, arctic white

Sound Absorption

Finishes	Thickness	Coefficient 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	0.80	A
	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
Colortec (charcoal)	2" (51 mm)	0.05	0.31	0.81	0.96	0.97	0.97	0.75	A

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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