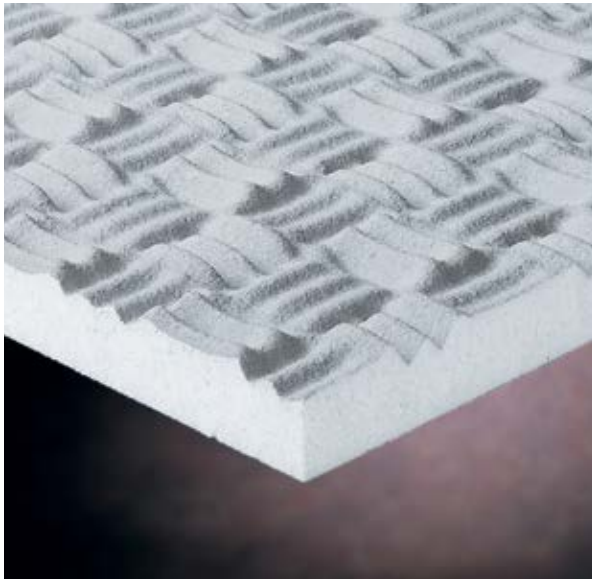


# PROSPEC® FOAM Panels

## Product Information



PROSPEC® FOAM Panels, made from WILLTEC™ foam are ideal for controlling noise at its source. When used to line compartments, machine enclosures or air vents, PROSPEC Foam Panels help reduce high noise levels by absorbing the sound energy around and within the space. The panels can also be adhered to a partition or wall facing the noise source to lessen the reverberation and sound reflections. PROSPEC Foam Panels are quick and easy to install on virtually any wall or enclosure surface using pinta acouSTIC™ PA-02 water-base or PA-03 neutral-cure silicone adhesives.

### Material

- Made from open-cell, natural light grey or white WILLTEC™ expanded melamine foam
- Water-based acoustic coating, in standard, premium or custom colors, protects the foam core and is resistant to water, oils and solvents

### Direct-Apply, Glue-up Installation

- Use clean, thin, white, cotton gloves to handle panels
- Cut acouSTIC™ adhesive cartridge tip to produce 1/4" (6 mm)-diameter bead
- Run a continuous bead of adhesive around the panel's perimeter, approximately 1-1/2" (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 start

### Application

- Machine enclosures or air vents
- Partitions and compartments
- Industrial environments

### Size

- Panel sizes: 24"x 48" (610 x 1219 mm) and custom
- Thicknesses: 1" (25 mm) and custom

### 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 Meets UL 1715 (WILLTEC natural) Passes CAN ULCS-102
Microbial Growth	Passes UL 181, section 11
Fungus Resistance	Rating 0 per ASTM G21
Finishes	Natural (light grey), water-based acoustic coating (standard, premium and custom colors)

### Sound Absorption

Finish	Thickness	Coefficients per ASTM C423-90a							Mounting Type
		125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC	
Natural	1" (15 mm)	0.11	0.17	0.40	0.72	0.79	0.91	0.50	A
Water-based acoustic coated	1" (15 mm)	0.00	0.26	1.01	0.82	0.68	0.60	0.70	A

## >> Advantages

- Ideal for controlling excessive machine noise
- Excellent acoustic absorption across all sound frequencies
- Smaller convoluted surface pattern
- Lightweight WILLTEC panels are easily cut to fit on-site

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