Memtech Acoustics

WHITELINE® Ceiling Panels
Product Information



WHITELINE® suspended, lay-in grid ceiling panels offer extraordinary acoustic value for everyday interior environments, such as classrooms, open-plan offices and retail spaces. Economically priced, these ceiling tiles are ideal for projects where the primary concerns are overall budget and lasting, quality products. WHITELINE panels feature superior sound-absorptive, open-cell, non-fibrous WILLTEC™ foam cores laminated with smooth, white fleece on one side and black fleece on the opposing surface. Custom panel sizes, thicknesses, colors and printing are available.

>> Advantages

- Simple, quick and easy to install
- Panels can be exposed to view on one or the other side
- Fits within 9/16" or 15/16" (14 mm or 24 mm) typical suspension grid
- Lightweight, open-cell, non-fibrous, lay-in panels
- Provides outstanding sound absorption

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Applications

- Educational facilities, classrooms, libraries and lecture halls
- Corporate, open-plan and private offices
- Retail department, supermarket and boutique stores
- Medical clinics, hospitals, pharmacies and assisted-living facilities
- Municipal public works, police precincts and firehouses
- Government courthouses and post offices
- Transport, airport, railway and bus terminals
- Restaurants, theaters and concert venues

Material

- Lightweight, open-cell, non-fibrous WILLTEC™ expanded melamine foam core panels laminated with smooth white or black translucent fleece on opposing sides
- Panels can be exposed to view on one side or the other, or mixed for a checkerboard pattern
- High light reflectance value of 0.89, white fleece side
- Custom colors and printing options are available

Size

- Offered in a variety of standard sizes: 2′ x 2′, 4′, 6′ and 8′; (610 x 610, 1219, 1829 and 2438 mm) 4′ x 4′ and 4′ x 8′ (1219 x 1219 and 1219 x 2438 mm) and custom
- Typical panel thickness: 9/16″ (14 mm); WILLTEC panel cores can be produced thicker to increase sound absorption according to specific project NRC requirements

Installation

- WHITELINE® square-edge, suspended, lay-in grid ceiling panels are simple, quick and easy to install in any standard 9/16″ or 15/16″ (14 mm or 24 mm) exposed grid
- Easy to handle with soft white cotton gloves and to produce any cut-to-fit panel sizes on-site
- Non-fibrous WILLTEC expanded melamine foam core panels produce little to no dust during installation compared to mineral fiber-, rock wool- and fiberglass-based products



Physical Data—WILLTEC foam

Tensile Strength	8 PSI (ASTM D3574-77)
Density	0.7 lbs./cu. ft. (0.3 Kg/cu. m)
Elongation	8% (ASTM D3574-77)
Heat Conductivity	K factor = 0.24 at 50°F (10°C)
Long-Term Service Temperature	302°F (150°C)
Flame Spread and Smoke Density	Passes Class 1 (ASTM E84) Passes CAN ULCS-102
Color	White/Black

Sound Absorption

Thickness	Test ASTM C423-90a							
	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC	Mounting Type
0.6 " (15 mm)	0.27	0.60	0.64	0.80	0.91	1.02	0.75	E

>> 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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