



Memtech Acoustics suspended, lay-in grid Whiteline Ceiling Tiles 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. Memtech Acoustics Whiteline Ceiling Tiles 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

Memtech Acoustics
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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

Sizes

- 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

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

Installation

- Memtech Acoustics 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 (10oC)
Long-Term Service Temperature	302°F (150oC)
Flame Spread and Smoke Density	Passes Class 1 (ASTM E84) Passes CAN ULCS-102
Color	White/Black

Sound Absorption

Thickness	Test ASTM C423-90a							Mounting Type
	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC	
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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