

Memtech Acoustical, LLC

Your Source for Noise Control Solutions

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Product Information



www.memtechacoustical.com

Fabritec Panels

- Outstanding acoustical performance
- Stylish colors and textures
- Wide range of fabrics
- Custom or standard panel sizing
- Lightweight, durable design

Applications:

- ✓ Schools
- ✓ Religious facilities
- ✓ Gymnasiums
- ✓ Restaurants
- ✓ Offices
- ✓ Auditoriums
- ✓ Lobbies



With a custom look, durable construction and excellent sound-absorbing characteristics, our FABRITEC Wall Panels easily add style and performance to schools, religious facilities, gymnasiums, restaurants, offices, auditoriums, lobbies and other noisy open areas.

Available in custom and standard sizes, FABRITEC Wall Panels create a design that perfectly fits your space. Select from hundreds of fashionable fabrics, including Guilford, Maharam and others.

FABRITEC Wall Panels are just as easy to install as they are to specify. Built from a unique willtec® foam core, they offer outstanding acoustical performance, absorbing up to 85% of the sound directed at them. FABRITEC Wall Panels are lightweight, making them easy to install with adhesive and/or hook and loop. They are also impact resistant and have a tackable surface.

FABRITEC Wall Panels are the superior solution for adding texture, color and acoustical balance to your designs.

Material

FABRITEC Wall Panels consist of a willtec® foam core and a rugged, tackable exterior covered with a variety of fabrics.

- willtec is an open-cell, melamine foam that provides sound absorption comparable to bagged fibrous products, but with less material, thickness and weight
- FABRITEC's tackable and impact-resistant surface is made from a lightweight, yet strong 1/16" fiberglass substrate

Panel Dimensions

- 24" x 24", 24" x 48" or custom sizing
- 1", 1½" or custom thickness

Installation

- Panels attach in seconds to existing, clean surfaces with adhesive and/or hook and loop
- See installation guide

Accessories

pinta's acouSTIC foam adhesive provides a quick, solid bond for installing FABRITEC Wall Panels. acouSTIC and other mounting materials are priced separately and supplied on request.

Sound Absorption

Test ASTM C423-99a; Mounting Type D, 1" Thick Panel, Guilford Fabric

Frequency (Hz)	Absorption Coefficient
125	0.18
250	0.68
500	0.95
1000	0.92
2000	0.78
4000	0.67
NRC	0.85

Physical Data—willtec foam

Material	Open-cell melamine-based foam
Density	0.5 to 0.7 lbs./cu. ft. (ASTM D3574-77)
Long-Term Service Temperature	302° F
Fire Resistance	Class 1 per ASTM E 84 Meets UL 1715 (willtec natural)
Flame Spread per ASTM E 84	Natural: 5
Smoke Density per ASTM E 84	Natural: 50
Microbial Growth	Passes UL 181, section 11
Fungus Resistance	Rating #0 per ASTM G21
Finishes	Fabric