

TECTUM Fabri-Tough Wall Panels

Abuse-resistant Tectum Fabri-Tough acoustical panels set a new standard for durability in fabric wrap wall panel systems.

Control noise efficiently, economically and attractively in open plan, closed or mixed-use space with the Fabri-Tough wall panel system. Efficiently because Tectum panels are known for sound absorption. Economically because these panels are competitively priced and will last longer than ordinary, soft-base panels. Attractively because they come in your choice of fabric colors that coordinate with popular contract furnishings.

Tackability is another feature of all Tectum Fabri-Tough panels. They can be used repeatedly as bulletin or display boards without visible effect, making them ideal for work areas, conference rooms and classrooms.

The fabric facing is composed of fibers that are manufactured from 100% post-consumer waste by EcoSpun®.

Depending on mounting, the Fabri-Tough wall panel system can provide NRC's from .50 to .90. They are available 1" thick, 24" x 24" up to 120". Fabri-Tough wall panels can be field cut to desired size. Mounting is quick and easy via the internal spline system. The wall panel fabric is wrapped around the edges of the long sides to the kerf. Panels are installed by inserting the furnished vinyl splines into the kerf, then fastening the splines to the wall or other structure.

Décor Fabri-Tough Panels

Tectum Décor Fabri-Tough Panels have fully wrapped edges and are attached using 20" Z-Clips allowing for panels to be strategically placed in a space as opposed to consecutive attachment.

Tectum Fabri-Tough and Décor Panels have a flame spread of 25 or less under the ASTM E84 test method. Both panels meet the requirements of the room corner fire test (UBC 8-2 or equivalent) for use in areas not protected by automatic sprinklers.

For panels to be used in recessed areas, some field adjusting may be necessary.



Fabri-Tough Wall Panels are mounted using the internal spline system.



Fabri-Tough panels are available in a wide range of fabric colors.



Décor Panel attachment with clips.

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TECTUM^{INC}
The Noise Control Solution

105 S. 6th St.
Newark, OH 43055

TECTUM ACOUSTICAL PERFORMANCE

FABRI-TOUGH WALL PANEL SYSTEM

| Panel Type | SOUND ABSORPTION COEFFICIENTS | | | | | | NRC | MOUNTING |
|------------|-------------------------------|-----|------|------|------|------|-----|----------|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | | |
| 1" | .05 | .16 | .30 | .57 | .94 | .70 | .50 | A |
| 1" | .13 | .19 | .45 | .86 | .80 | .84 | .60 | D-20 |
| 1" | .30 | .77 | 1.11 | .98 | .79 | .95 | .90 | C-40 |

TECTUM PRODUCT

| Panel Type | Nominal Thickness (inches) | Actual Size (inches) | Edge Detail | Factory Finish | Light Reflectance | Flame Spread | Weight LBS/SF | |
|------------|----------------------------|----------------------|-------------|----------------|-------------------|--------------|---------------|----|
| | | | | | | | 1" | 2" |

FABRI-TOUGH WALL PANEL SYSTEM

| | | | | | | | | |
|-----------------------------|---|----------------|------------------------------------|------------------|-----|------|------|--|
| Fabric Wrapped Tectum Panel | 1 | 24 x 24 to 120 | Long Edges, Fabric Wrapped to Kerf | Fabric Selection | N/A | 0-25 | 1.63 | |
|-----------------------------|---|----------------|------------------------------------|------------------|-----|------|------|--|

FABRI-TOUGH DECOR PANELS

| | | | | | | | | |
|-----------------------------|------|-----------------|----------------------------------|------------------|-----|------|------|-----|
| Fabric Wrapped Tectum Panel | 1, 2 | 24 x 48, 72, 96 | Fabric returned at edges to back | Fabric Selection | N/A | 0-25 | 1.63 | 3.3 |
|-----------------------------|------|-----------------|----------------------------------|------------------|-----|------|------|-----|

ENVIRONMENTAL INFORMATION

The wood fibers (excelsior) used in Tectum panels come from Wisconsin Aspen trees. The Wisconsin Aspen is a self-propagating type tree. When cut, a new tree will begin to grow back from its root structure. In addition, all Wisconsin Aspen used for Tectum is air-dried. No drying kilns are used. The wood is stored in racks to age naturally. No chemicals are used in the production of any excelsior purchased by Tectum Inc.

All excelsior used in Tectum products comes from a single source that is affiliated with both the Forest Stewardship Council (FSC) and the Sustainable Forestry Initiatives (SFI) programs. These programs are a comprehensive system of objectives and performance measures that integrate the perpetual growing and harvesting of trees with the protection of wildlife, plants, soil and water quality. All loggers are trained to adhere to FSC and SFI principles.

Magnesium oxide is mixed with magnesium sulfate (Epsom salts) to form the primary binder. The magnesium sulfate solution has been manufactured on site by

reclaiming waste materials since production began in 1949. The secondary binder is composed of sodium silicate and calcium carbonate (limestone). All of the water used in the manufacture of Tectum is captured and recycled.

TECTUM PRODUCTS AND LEED

Tectum Inc. fully endorses the LEED Green Building Rating System.

Our products may contribute to the following LEED credit areas:

EA Prerequisite 2: Minimum Energy Performance

EA Credit 1: Optimized Energy Performance

MR Credit 2: Construction Site Waste Management

MR Credit 4: Recycled Content

MR Credit 5: Regional Materials

MR Credit 6: Rapidly Renewable Resources

MR Credit 7: Certified Wood

EQ Prerequisite 3 (LEED for Schools): Minimum Acoustical Performance

EQ Credit 3.1 and 3.2: Construction IAQ Plans

EQ Credit 4.1: Low-Emitting Materials, Adhesives and Sealants

EQ Credit 4.4: Low-Emitting Materials, Composite Wood & Agrifiber Products

EQ Credit 10 (LEED for Schools): Mold Prevention

EQ Credit 11 (LEED for Schools): Low-Impact Cleaning and Maintenance Equipment Policy

ID Credit 1: Innovation in Design

Tectum products are listed in the GreenSpec Directory** published by Building Green from the editors of Environmental Building News.

For complete information about Tectum products and LEED, please see our Marketing Bulletins M-81 (Tectum Products and LEED Certification) and M-83 (Tectum Products and LEED Q & A) or our Environmental Statement. All of these materials are available online at www.tectum.com/leed.

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