

TECTUM Fabri-Glass Wall Panels

The Tectum Fabri-Glass wall panel system is a very cost effective way to control unwanted noise. The 1" thick fiberglass substrate is covered by a wide choice of woven or non-woven fabrics in many color selections. Tectum Fabri-Glass provides a Speech Privacy Range of .95 and an NRC of .80 when using an A mounting.

This popular wall panel system combines economy with superior sound absorption, a wide choice of fabric colors and ease of installation with lightweight panels.

Fabri-Glass wall panels are easy to install. The panels are kerfed to receive a concealed H-spline which then fastens to the wall or other structure, depending on the type of mounting.

Sizes

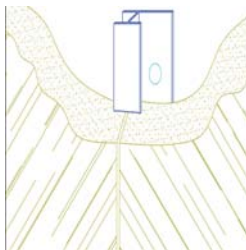
The Fabri-Glass wall panel system provides 24" widths and lengths up to 120".

Fabri-Glass Decor Panels

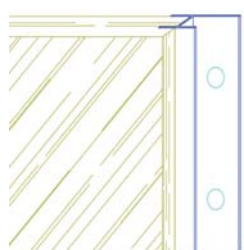
Made with the same fiberglass substrate as Fabri-Glass wall panels and with the same wide choices of fabric colors, Tectum Fabri-Glass DecOr Panels provide an excellent means of reducing unwanted sound in both new and existing spaces. Fabri-Glass Decor Panels are 1" thick. They are available in 24" & 48" widths and up to 96" lengths. The fabric is wrapped around all four edges. Impaling clips, Z-clips or other fastening techniques are at the option of the installer.



Type A
Mounting



Type D-20
Mounting



ACOUSTICAL MOUNTINGS

The Fabri-Glass Wall Panels system uses an internal H-spline system which inserts into kerfs in the panel sides. This allows easy attachment to new or existing walls directly or to furring strips. The excellent acoustical absorption properties of the fiberglass substrate provides an NRC of .80 on a Type A mounting.



Fabric Choice

Tectum Fabri-Glass wall panel system offers a very broad choice of woven and non-woven fabrics in a range of patterns.

P.O. Box 3002
Newark, OH 43058

TECTUM^{INC}
The Noise Control Solution

105 S. 6th St.
Newark, OH 43055

TECTUM ACOUSTICAL PERFORMANCE

FABRI-GLASS WALL PANEL SYSTEM

Panel Type	SOUND ABSORPTION COEFFICIENTS						NRC	MOUNTING
	125	250	500	1000	2000	4000		
Fabri-Glass Wall Panels	.04	.29	.76	1.03	1.05	1.08	.80	A

TECTUM PRODUCT

Panel Type	Nominal Thickness (inches)	Actual Size (inches)	Edge Detail	Factory Finish	Light Reflectance	Flame Spread	Weight LBS/SF
1"							
FABRI-GLASS WALL PANEL SYSTEM							
Fabric Wrapped Fiberglass Panel	1	24 x 24, 48 up to 96	Long Edges, Fabric Wrapped to Kerf	Fabric Selection	N/A	0-25	1.65
FABRI-GLASS DECOR PANELS							
Fabric Wrapped Fiberglass Panel	1	24 x 36, 48, 72, 96 48 x 96	Fabric Returned at Edges to Back	Fabric Selection	N/A	0-25	1.65

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.

*Trademark of The U.S Green Building Council

**Trademark of Building Green, Inc.