

TECTUM Designer Panels

Designer Panels combine all of the acoustic performance and toughness you expect from Tectum products with the added interest of textural design options created by straight line v-cut grooves. Tectum Designer Panel creates endless design possibilities using combinations of V-shaped grooves cut into the face of the panel. Each groove is 1/4" deep and 1/2" wide.

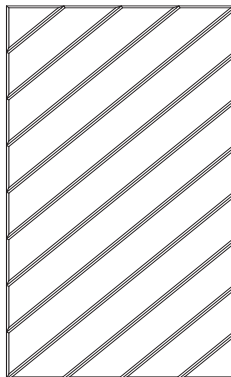
The six standard panel designs available are illustrated at right. Mix and match them to create a unique finished space.

SIZES, FINISHES

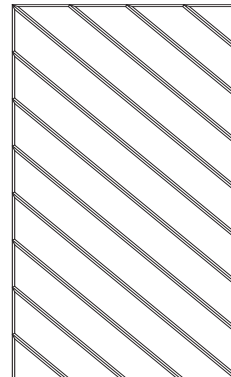
Tectum Designer Panels are available 1", 1 1/2" and 2" thick. Designer Panels are available in a 23 3/4" width and a 47 1/2" length. Factory finishes in natural, painted white or custom colors. All Tectum Panels can easily be field painted without losing their acoustical efficacy.



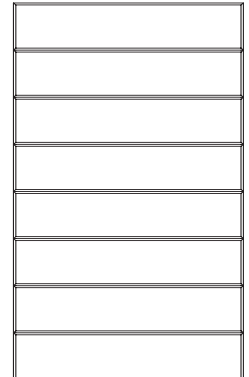
Diagonal Right
Designer Panel



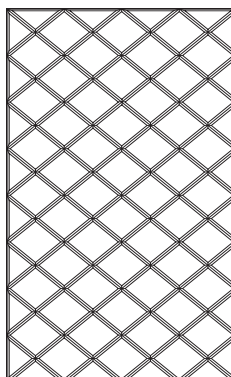
Diagonal Left
Designer Panel



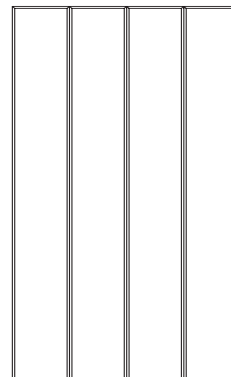
Horizontal
Designer Panel



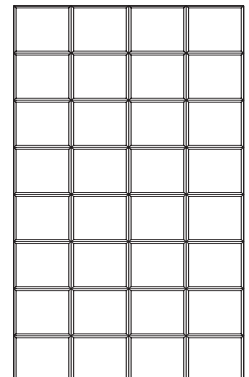
Diamond
Designer Panel



Vertical
Designer Panel



Grid
Designer Panel



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TECTUM INC.
The Noise Control Solution

105 S. 6th St.
Newark, OH 43055

TECTUM ACOUSTICAL PERFORMANCE

TECTUM WALL PANELS

Panel Type	SOUND ABSORPTION COEFFICIENTS							Mounting
	125	250	500	1000	2000	4000	NRC	
1"	.06	.13	.24	.45	.82	.64	.40	A
1"	.07	.15	.36	.65	.71	.81	.45	D-20
1"	.16	.43	1.00	1.05	.79	.98	.80	C-20
1"	.32	.70	1.09	.93	.76	.94	.85	C-40
1 1/2"	.07	.22	.48	.82	.64	.96	.55	A
1 1/2"	.15	.26	.62	.83	.70	.91	.60	D-20
1 1/2"	.24	.57	1.17	.87	.93	.87	.90	C-20
1 1/2"	.40	.84	1.18	.84	.94	.88	.95	C-40
2"	.15	.26	.62	.94	.62	.92	.60	A
2"	.15	.36	.74	.82	.82	.92	.70	D-20
2"	.24	.67	1.14	.87	1.06	.96	.95	C-20
2"	.42	.89	1.19	.85	1.08	.94	1.00	C-40

TECTUM PRODUCT

Panel Type	Nominal Thickness (inches)	Actual Size (inches)	Edge Detail	Factory Finish	Light Reflectance	Flame Spread	Weight LBS/SF		
							1"	1 1/2"	2"
Standard Tectum Interior Panels	1, 1 1/2, 2	Widths: 23 3/4 Lengths: 47 1/2	Long Edges Beveled	White, Natural, Custom Colors	.75 / .60	0-25	1.63	2.53	3.3
V-line Interior Panels	1, 1 1/2, 2	Widths: 23 3/4 Lengths: 47 1/2	Long Edges Beveled	White, Natural, Custom Colors	.75 / .60	0-25	1.63	2.53	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.