

TECTUM KERFED WALL PANELS AND V-LINE INTERIOR PANELS

Kerfed and V-Line Wall Panels offer extra value and installation ease plus all the features you expect from Tectum acoustical products. Both are available in natural, painted white or custom colors.

Installation of 1" thick Kerfed Wall Panels is fast and economical. Mounting occurs using the concealed attachment method. By inserting the furnished vinyl splines into the kerf, then fastening the splines to the wall or other structure, you have successfully installed your Kerfed Wall Panel.

V-Line Interior Panels attach directly for a continuous installation without a seam being visible. The "V" groove is 1/4" deep to match the beveled edges, and the design divides the 2' or 4' wide panel into equal segments approximately 8" wide. Lengths from 2' to 12' are available in 1", 1 1/2" and 2" thicknesses.



These direct attached V-Line interior panels allow for continuous installation without a seam being visible. Panels are mechanically attached using painted drywall screws every 24" o.c. in all directions.



Installation of these 1" and 1 1/2" panels doesn't get any easier than this. Mounting occurs by inserting vinyl splines into the kerf and then fastening the splines to the wall or structure. The concealed attachment allows for a continuous installation.



KERFED WALL PANEL SPLINE DETAIL
Panels are installed by inserting a vinyl spline into the Kerf.



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TECTUM_{INC.}
The Noise Control Solution

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TECTUM ACOUSTICAL PERFORMANCE

TECTUM INTERIOR PANELS

Panel Type	SOUND ABSORPTION COEFFICIENTS						NRC	Mounting
	125	250	500	1000	2000	4000		
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
1½"	.07	.22	.48	.82	.64	.96	.55	A
1½"	.15	.26	.62	.83	.70	.91	.60	D-20
1½"	.24	.57	1.17	.87	.93	.87	.90	C-20
1½"	.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"	1½"	2"
Standard Tectum Tile	1, 1½, 2	23¾, 31¾, 47¾ x 72 to 144 in 12" increments	Long Edges Beveled	White, Natural, Custom Colors	.75 / .60	0-25	1.63	2.53	3.3
	1½, 2	23, 31, 47 x 72 to 144 in 12" increments	T&G Edges Square Ends	White, Natural, Custom Colors	.75 / .60	0-25		2.53	3.3
Kerfed	1	23¾ x 48 to 144 in 12" increments	BKR, Bevel, Kerfed, Rabbeted Square Ends	White, Natural, Custom Colors	.75 / .60	0-25	1.63		
V-line	1, 1½, 2	23¾, 31¾, 47¾ x 72 to 144 in 12" increments	Long Edges Beveled	White, Natural, Custom Colors	.75 / .60	0-25	1.63	2.53	3.3

ENVIRONMENTAL STATEMENT

Tectum panels are made from sustainable domestic, renewable raw materials. The wood excelsior is harvested from new forest growth that reaches maturity in 25-30 years. Tectum Inc. only purchases excelsior from companies that are part of the Sustainable Forestry Initiatives (SFI) Program. This program is a comprehensive system of objectives and performance measures that integrates the perpetual growing and harvesting of trees with the protection of wildlife, plants, soil, and water quality.

The primary source of magnesium oxide used in the binder is seawater. The silicate used is made from sand. Tectum Inc. recovers waste magnesium and recycles water during the manufacturing process. The recovered magnesium waste is used in the manufacturing of magnesium sulfate, a primary ingredient in the binder.

These recovery programs have been successful in reducing the water

consumed and in reducing the magnesium requirement for the manufacture of magnesium sulfate. Tectum products continue to meet the needs of owners, architects, and engineers that require "green" building products.

TECTUM PRODUCTS AND LEED

The Leadership in Energy and Environmental Design (LEED*) Green Building Rating System represents the U.S. Green Building Council's effort to provide a national standard for what constitutes a "green building." Through its use as a design guideline and third-party certification tool, it aims to improve occupant well-being, environmental performance and economic returns of buildings using established and innovative practices, standards and technologies.

The LEED building rating system has been established to evaluate and every aspect of the construction process and building components used in new existing buildings.

While the main emphasis is on energy efficiency, conservation and the overall "health" of the building, the use of "green" products contributes favorably to the overall rating of a building.

Six rating categories make up the project checklist. Four of the six categories are not applicable to Tectum products. Categories four and five, Materials and Resources and Indoor Environmental Quality, consist of 10 elements applicable to the use of Tectum products. Tectum products contribute favorably in all ten areas to the overall positive rating of the building. For more information, see Marketing Bulletin M-81, available on our website.

Tectum is proud to have its products listed in the GreenSpec Directory** published by Building Green from the editors of Environmental Building News.

Tectum™ roof deck is noted on page 69, section 3511 and Tectum™ interior products are listed on page 230, section 9512.