

TECTUM SOUND BLOCKS, HANGING BAFFLES & MULTI-PLANE CEILING PANELS

SOUND BLOCKS

Tectum Sound Blocks are a decorative way to control reverberant sound in new or existing rooms.

Their 3" x 15 1/2" x 15 1/2" dimensions and beveled edges make them easy to install in various patterns.

Recommended spacing is 24" or 32" o.c. They come complete with individual hanging clips and in natural, painted white and custom colors. Other sizes are available on special order.

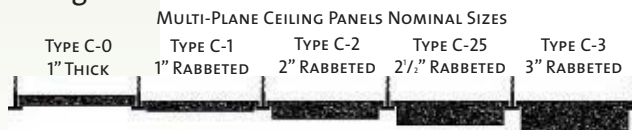
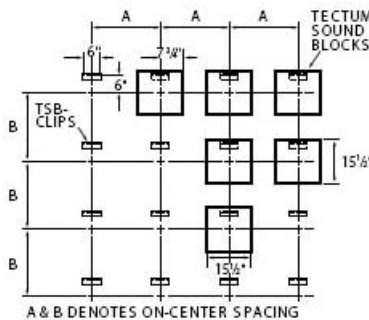
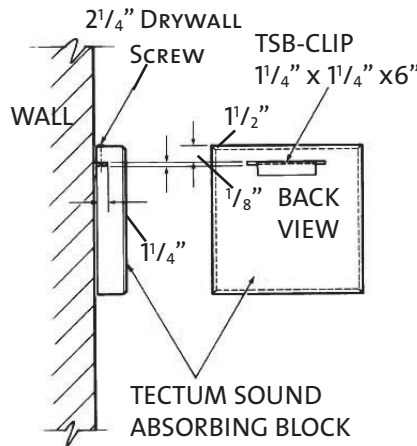
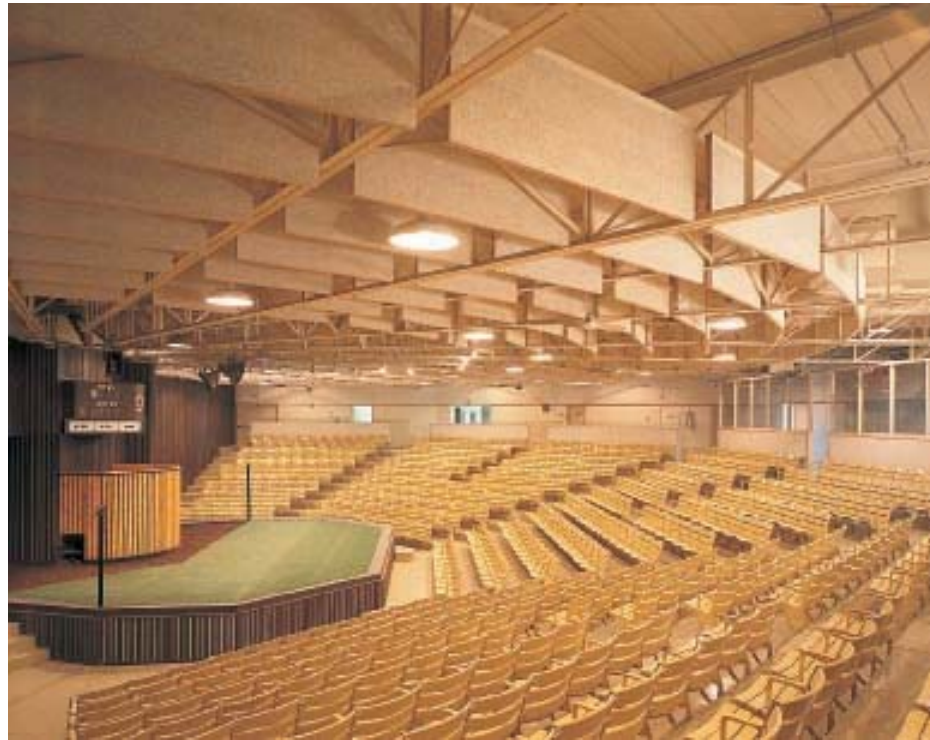
HANGING BAFFLES

The use of Tectum acoustical panels as hanging sound baffles is growing in popularity as the paintability and ease of application in numerous situations and the need for their sound absorbing qualities is recognized by architects and acoustical engineers. Standard Tectum sound baffles are available 1", 1 1/2" or 2" thick, with square edges or beveled edges (bottom only).

Widths are 2' and they are 4' long. Finish is natural, painted white or custom colors (both sides). Various methods are appropriate for hanging. See *Marketing Bulletin M-8* on our website for more details.

MULTI-PLANE CEILING PANELS

Tectum Multi-Plane Ceiling Panels are designed to provide an endless array of 3-D acoustical ceilings. Multi-Plane panels come in 1", 2", 2 1/2" and 3" thicknesses with 13/32", 1 7/16", 1 15/16" and 2 7/16" reveals respectively. With panel sizes of 2' x 2', 2' x 4' and 30" x 60", various patterns can be designed for any size room.



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TECTUM ACOUSTICAL PERFORMANCE

SOUND ABSORPTION BLOCKS		SABINS PER UNIT							
		SOUND ABSORPTION COEFFICIENTS							
Panel Type		125	250	500	1000	2000	4000	NRC	MOUNTING
24" o.c.		.36	.53	1.81	2.65	2.75	2.73		
32" o.c.		.45	.71	1.87	2.94	2.90	2.91		
HANGING BAFFLES		SABINS PER UNIT							
1' Face to Face (1" Thick)		1.62	1.35	2.36	3.81	4.76	6.54		
2' Face to Face (1" Thick)		.95	1.63	2.32	3.92	5.18	7.27		
3' Face to Face (1" Thick)		1.01	1.44	2.32	4.05	5.16	7.21		
MULTI-PLANE CEILING PANELS		SABINS PER UNIT							
1" C-0 24" x 24" Lay-In		.40	.42	.35	.48	.60	.93	.45	E-400
1" C-1 24" x 24" Tonico		.37	.43	.34	.45	.58	.94	.45	E-400
2" C-2 24" x 24"		.43	.50	.42	.62	.96	1.04	.60	E-400
3" C-3 24" x 24"		.70	.50	.52	.76	.92	1.16	.70	E-400

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"	2 1/2"	3"
Sound Absorption Blocks	3	15 1/2 x 15 1/2	All Edges Beveled	White, Natural, Custom Colors	.75 / .60	0-25					5.3
Hanging Baffles	1, 1 1/2, 2	11 3/4, 23 3/4 x 48	Bottom Edges Beveled Both Sides	White, Natural, Custom Colors	.75 / .60	0-25	1.63	2.53	3.3		
Multi-Plane	1, 2, 2 1/2, 3	23 3/4 x 23 3/4	Face Rabbeted	White, Natural, Custom Colors	.75 / .60	0-25	1.63		3.3	4.3	5.3

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 LEEDS

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