

TECTUM TONICO\DESIGNER SERIES

Tectum Tonico, Soft Look Tonico, Designer and Designer Series Plus combine a unique textured 3-D look with superior abuse resistance and acoustical absorption. Designed for use in public spaces, Tectum Designer Series offers bold patterns and distinctive lines that make a striking effect on even the highest ceilings. These high-impact wood fiber panels combine several functions that truly set them apart for use in commercial, institutional, recreational and industrial buildings.

The panels are available in a wide range of sizes. They can be cut easily and shaped with standard woodworking tools, and installed in standard grid systems.

Tectum decorative and acoustical panels can take repeated abuse and still retain their appearance. Tectum Tonico, Soft Look Tonico, Designer and Designer Series Plus have remained the product of choice for over 50 years for any area where noise is a problem and the ceilings are subject to abuse.

All Tectum Lay-In ceiling panels require a standard <sup>15</sup>/<sub>16</sub>" intermediate duty grid with 1 1/2" high web.

*Mounting E-400: Panel face 16" from the test surface.*

TONICO



Textured reveal edge abuse resistant ceiling panel.

SOFT LOOK TONICO



As its name suggests, this durable ceiling panel features a softer, less harsh appearance.

DESIGNER SERIES



A unique linear look with panels as long as 8'.

DESIGNER SERIES PLUS



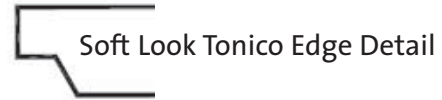
A 2' x 2' panel with nine, 3-D squares.



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**TECTUM**<sup>INC</sup>  
The Noise Control Solution

105 S. 6TH ST.  
NEWARK, OH 43055



## TECTUM ACOUSTICAL PERFORMANCE

### TECTUM INTERIOR PANELS

Panel Type	SOUND ABSORPTION COEFFICIENTS							Mounting
	125	250	500	1000	2000	4000	NRC	
1" x 24" x 24" TONICO / SOFT TONICO	.37	.43	.34	.45	.58	.94	.45	E-400
1 1/2" x 24" x 24" DESIGNER	.44	.47	.36	.51	.71	1.06	.50	E-400
1 1/2" x 24" x 24" DESIGNER PLUS	.35	.42	.39	.51	.72	1.05	.50	E-400
1" x 24" x 24" TONICO / SOFT TONICO WITH 6 1/4" FIBERGLASS BACKING	1.14	1.01	1.06	.94	.93	1.12	1.00	E-400

## TECTUM PRODUCT

Panel Type	Nominal Thickness (inches)	Actual Size (inches)	Edge Detail	Factory Finish	Light Reflectance	Flame Spread	Weight LBS/SF	
Tonico	1 1 1/2	23 3/4 x 23 3/4, 47 3/4 23 3/4 x 23 3/4, 47 3/4, 47 3/4 x 47 3/4	Face Rabbeted	White, Natural, Custom Colors	.75 / .60	0-25	1" 1.63	1 1/2" 2.53
Soft Look Tonico	1	23 3/4 x 23 3/4, 47 3/4 47 3/4 x 47 3/4	Face Rabbeted	White, Natural, Custom Colors	.75 / .60	0-25	1.63	
Designer Series	1, 1 1/2	23 3/4 x 23 3/4 23 3/4 x 47 3/4 23 3/4 x 95 3/4	Face Rabbeted	White, Natural, Custom Colors	.75 / .60	0-25	1.63	2.53
Designer Series Plus	1, 1 1/2	23 3/4 x 23 3/4	Face Rabbeted	White, Natural, Custom Colors	.75 / .60	0-25	1.63	2.53

## 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 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.