

## TECTUM ACOUSTICAL CEILING

Tectum ceiling panels combine a unique textured beauty with superior abuse resistance. 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 or direct attached. By using lay-in, Tonico, Multiplane, V-line and Designer Series Tectum panels, the designer can create a variety of three-dimensional patterns.

Tectum ceiling panels can be used in their attractive unpainted natural color, painted white, or custom colors. Also, these panels may be painted or re-painted in the field up to six times without reducing their acoustical properties.

Tectum decorative and acoustical panels can take repeated abuse and still retain their appearance. Tectum ceiling panels 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.

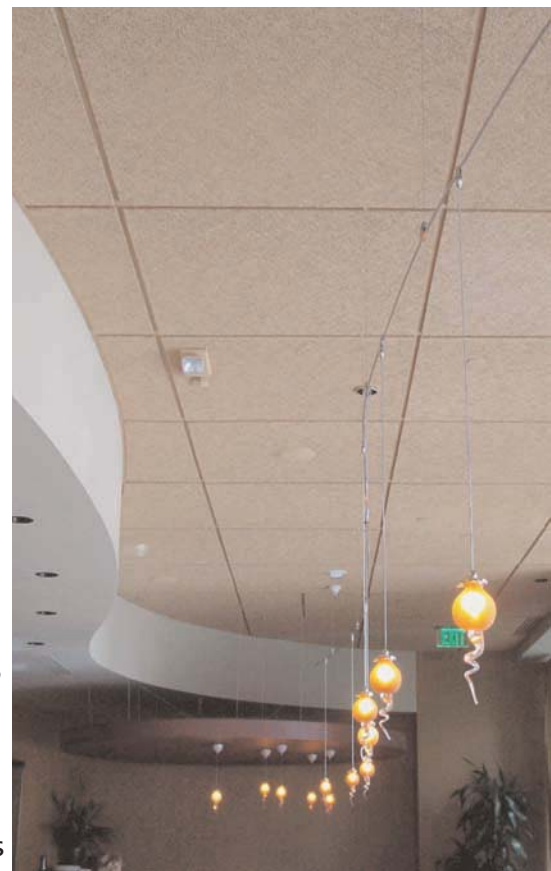
Tectum ceiling panels meet the requirements of ASTM E-1264 Type XIV pattern L Class A.

*NOTE: There is no asbestos, nor has there ever been any asbestos, used in Tectum products.*



### FEATURES:

- Reduces noise—NRC up to 1.00
- Class A/Class I interior finish
- Durability—tough, abuse resistant
- Flexible—easy to use
- Economical—longer life span
- Can be field painted six times (See Marketing Bulletin M-77 on our website for specific applications.)
- Nationwide distribution
- Proven performance—over 50 years
- R-Value is 1.75/inch
- Light reflectance up to .75



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

P.O. Box 3002  
NEWARK, OH 43058

105 S. 6TH ST.  
NEWARK, OH 43055

## TECTUM ACOUSTICAL PERFORMANCE

### TECTUM CEILING TILE

#### SOUND ABSORPTION COEFFICIENTS

| Panel Type   | 125  | 250  | 500  | 1000 | 2000 | 4000 | NRC  | Mounting |
|--|------|------|------|------|------|------|------|----------|
| 1" x 24" x 24" Lay-in  | .40  | .43  | .35  | .48  | .60  | .93  | .45  | E-400    |
| 1 1/2" x 24" x 24" Lay-in  | .44  | .43  | .33  | .49  | .66  | .77  | .50  | E-400    |
| 2" x 24" x 24" Lay-in  | .48  | .46  | .36  | .55  | .74  | .79  | .55  | E-400    |
| 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    |
| 2" C-2 24" x 24"   | .43  | .50  | .42  | .62  | .86  | 1.04 | .60  | E-400    |
| 3" C-3 24" x 24"   | .70  | .50  | .52  | .76  | .92  | 1.16 | .70  | E-400    |
| 1" x 24" x 24" Lay-in<br>panel with 6 1/4" Fiberglass Backing            | 1.01 | .89  | 1.06 | .97  | .93  | 1.13 | .95  | E-400    |
| 1" x 24" x 24" Tonico /<br>Soft Tonico with<br>6 1/4" Fiberglass Backing | 1.14 | 1.01 | 1.06 | .94  | .93  | 1.12 | 1.00 | E-400    |
| 1" x 24" x 24" Lay-in<br>panel with<br>3 5/8" Fiberglass Backing         | .85  | .81  | .84  | .82  | .83  | 1.01 | .85  | E-400    |
| 1 1/2" Clouds  | .44  | .43  | .33  | .49  | .66  | .77  | .50  | E-400    |
| 1 1/2" Clouds with<br>6" Fiberglass Backing                              | 1.01 | .89  | 1.06 | .97  | .93  | 1.13 | .95  | E-400    |

### HANGING BAFFLES

|                            |      |      |      |      |      |      |  |  |
|----------------------------|------|------|------|------|------|------|--|--|
| 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 |  |  |

### VARIATIONS LAY-IN CEILING TILE

|                        |     |     |     |     |     |     |     |       |
|------------------------|-----|-----|-----|-----|-----|-----|-----|-------|
| 1" Variations (Lay-In) | .47 | .53 | .35 | .50 | .68 | .86 | .57 | 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"  |
| Standard Tectum Tile              | 1, 1 1/2, 2                           | 23 3/4 x 23 3/4, 47 3/4                                      | Square   | White, Natural, Custom Colors | .75 / .60         | 0-25         | 1.63          | 2.53   | 3.3 |        |     |
| Full-Span Corridor Panels         | 1, 1 1/2, 2                           | 23 3/4 or 29 3/4 x 48 up to 144                              | Face Rabbeted Two Long Sides                       | White, Natural, Custom Colors | .75 / .60         | 0-25         | 1.63          | 2.53   | 3.3 |        |     |
| Acousti-Tough Ceiling System™     | 1, 1 1/2, 2                           | 23 3/4 x 23 3/4  | Square   | White, Natural, Custom Colors | .75 / .60         | 0-25         | 1.63          | 2.53   | 3.3 |        |     |
| Tonico                            | 1                                     | 23 3/4 x 23 3/4, 47 3/4                                      | Face Rabbeted                                      | White, Natural, Custom Colors | .75 / .60         | 0-25         | 1.63          | 2.53   |     |        |     |
|                                   | 1 1/2                                 | 23 3/4 x 23 3/4, 47 3/4, 47 3/4 x 47 3/4                     |  |                               |                   |              |               |        |     |        |     |
| Designer Series                   | 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   |     |        |     |
|                                   |                                       | 23 3/4 x 47 3/4  |  |                               |                   |              |               |        |     |        |     |
|                                   |                                       | 23 3/4 x 95 3/4  |  |                               |                   |              |               |        |     |        |     |
| 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   |     |        |     |
| Security Ceiling Panel            | 1, 1 1/2, & 2 plus 24 ga. steel plate | 23 3/4 x up to 96  | Beveled  | White, Natural, Custom Colors | .75 / .60         | 0-25         | 4.0           | 4.8    | 5.6 |        |     |
|                                   | 1 1/2, & 2 plus 24 ga. steel plate    | 23 3/4 x up to 96  | Tongue & Groove                                    |                               |                   |              |               | 4.8    | 5.6 |        |     |
| 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 |
| Soft Look Tonico                  | 1                                     | 23 3/4 x 23 3/4, 47 3/4                                      | Face Rabbeted                                      | White, Natural, Custom Colors | .75 / .60         | 0-25         | 1.63          | 2.53   |     |        |     |
|                                   |                                       | 47 3/4 x 47 3/4  |  |                               |                   |              |               |        |     |        |     |
| Concealed Corridor Ceiling Panels | 1 1/2, 2                              | 23 3/4 x up to 144   | Beveled Rabbeted One Side Beveled Kerfed, Rabbeted | White, Natural, Custom Colors | .75 / .60         | 0-25         | 2.53          |        | 3.3 |        |     |
| 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 |        |     |
| Clouds                            | 1 1/2, 2                              | 23 3/4, 47 3/4 up to 144, 23 3/4 x up to 96, 47 3/4 x 47 3/4 | Square and Radius                                  | White, Natural, Custom Colors | .75 / .60         | 0-25         |               | 2.53   | 3.3 |        |     |