Proudly Made in the U.S.A.

Surface Mount Tactile

Service, Delivery and Price Make ADA Solutions, Inc. the Obvious Choice
Surface Mount Tactile
Installation Procedure

Be sure to read and understand all of these instructions before you begin.

A. The installation area should be cleaned of all debris, oil and grease, making sure the area is completely free of moisture. Tactile Panel may be surface mounted on existing pre-cleaned substrate.

B. Lay out the Tactile Panel on the substrate as it will appear when installed.
   • If required, the Tactile Panel may be cut using a table saw and carbide tipped blade. See website for more details.

C. Place a 3/8” bead of adhesive on the frame of the bottom of each Tactile Panel. Adhesive yield: 10SF per 10 ounce cartridge.

D. Set the Tactile Panel in the installation area. Make all necessary adjustments prior to fastening.

E. Fasteners shall be installed in pre-formed fastener locations. Holes shall be drilled using a hammer drill with 1/4” x 2” min SDS bits. The drilled holes must be a minimum of 2” deep. Place fasteners in hole and hammer into place.
   • If additional fasteners are required, use a 1/2”, six point, 82 degree countersink to add a new fastener location. Follow the same drilling method for installing the fastener.

F. Caulk around perimeter of entire installation using BASF NP1 or equivalent.
   • All concrete dust present on the Tactile Panel resulting from the drilling process must be cleaned off of the Tactile Panel prior to using any caulking materials.

*Not recommended or warrantied for asphalt installation.

View additional photos, drawings and specifications on our website: www.adatile.com.
Call (800) 372-0519 with any questions.
DOME GEOMETRY

In accordance with ADA Regulations for Detectable Warning on Curb Ramps: Raised truncated domes with a diameter of nominal 0.9”, a height of nominal 0.2”, and a center-to-center spacing of nominal 1.67” minimum and 2.35” maximum.

PANEL DIMENSIONS

Tactile Panels are available in 24”x36”, 24”x48”, 24”x60”, 36”x48” and 36”x60” sizes and measure 3/16” thick. Panels can be custom cut to fit field conditions. All four edges of each panel have a ½” beveled edge. Each panel has 12 to 24 pre-formed fastener locations based upon panel size.

MATERIAL

A durable exterior grade homogenous glass, carbon, and fiberglass reinforced composite material which is colorfast and UV stable. The color of the Tactile Unit is uniform throughout and does not rely on any type of paint coating to achieve color stability. Standard colors include: Federal Yellow, Seattle Yellow, White, Brick Red, Clay Red, Safety Red, Blue, Dark Gray and Black. For superior wheelchair, walker and shopping cart mobility, truncated domes have a center-to-center (horizontally and vertically) spacing of 2.35 inches.

PHYSICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
<th>ASTM Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressive Strength</td>
<td>28,900 psi</td>
<td>ASTM D 695</td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>29,300 psi</td>
<td>ASTM D 790</td>
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<tr>
<td>Water Absorption</td>
<td>.07%</td>
<td>ASTM D 570</td>
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<tr>
<td>Slip Resistance</td>
<td>1.18 Dry, 1.05 Wet</td>
<td>ASTM C 1028</td>
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<tr>
<td>Flame Spread Index</td>
<td>20</td>
<td>ASTM E 84</td>
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<tr>
<td>Salt Spray</td>
<td>No Change (200 hours)</td>
<td>ASTM B 117</td>
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<tr>
<td>Chemical Stain Testing</td>
<td>No Deteriorization</td>
<td>ASTM 1308</td>
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<tr>
<td>Abrasion Resistance</td>
<td>549</td>
<td>ASTM C 501</td>
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<tr>
<td>Accelerated Weathering</td>
<td>Delta E&lt;5.0 (2,000 hours)</td>
<td>ASTM G 155</td>
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<tr>
<td>Tensile Strength</td>
<td>11,600 psi</td>
<td>ASTM D 638</td>
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<tr>
<td>Load Bearing at 16,000 lbs.</td>
<td>No Damage</td>
<td>AASHTO-H20</td>
</tr>
<tr>
<td>Freeze/Thaw/Heat</td>
<td>No Disintegration</td>
<td>ASTM C 1026</td>
</tr>
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INSTALLATION

ADA Surface Applied TWS Panel (Existing Concrete): TWS panel can be easily installed (adhered, fastened & sealed) in a matter of minutes.

INCIDENTALS

Fasteners: ¼” x 1¾”, composite sleeve anchor with stainless steel pins.

Adhesive: One component structural elastomeric adhesive.

Sealant: BASF NP1, Sikaflex 1A, or equivalent.
24" x 36" (610 x 914mm) Tile
1.67" (42.4 mm) Dome Spacing
24" x 48" (610 x 1219mm) Tile
1.67" (42.4 mm) Dome Spacing
24" x 60" (610 x 1524mm) Tile
2.35" (59.7 mm) Dome Spacing
SURFACE MOUNT COMPOSITE TACTILE

36" x 48" (914 x 1219mm) Tile
1.67" (42.4 mm) Dome Spacing
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Wherever you go... 
There we are™

- INDUSTRY LEADING SERVICE, DELIVERY AND PRICE
- ONE PIECE APPLICATION
- TIME-SAVING INSTALLATION
- CAST-IN-PLACE REPLACEABLE
- RADIUS REPLACEABLE (WET-SET)
- RADIUS SURFACE MOUNT
- SURFACE MOUNT (RETROFIT)
- CAST-IN-PLACE (WET-SET)
- BAR TILE SURFACE MOUNT
- BAR TILE REPLACEABLE (WET-SET)
- GUIDE TILE
- ADAAG COMPLIANT
- UNIFORM COLOR THROUGHOUT

PRODUCT INFORMATION / SUBMITTAL

WWW.ADATILE.COM • 800-372-0519