



# PRODUCT DATA SHEET

## RADIUS SURFACE APPLIED TACTILE (U.S. PATENT PENDING)

View additional photos, drawings and specifications on our website: [www.adatale.com](http://www.adatale.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 An in-line spacing of 1.60"-2.40" maximum.

**TWS PANEL DIMENSIONS** TWS Panel is available in 24"x33.25" size marked for 10', 15', and 20' radii." and measures 3/16" thick. Panels can be custom cut to fit field conditions. Each TWS Panel has 16 pre-formed fastener locations.

**MATERIAL** A homogenous glass and carbon reinforced composite which is colorfast and UV stable. Truncated domes are fiberglass reinforced for enhanced durability. The TWS Panel color is uniform throughout and does not rely on any type of paint coating to achieve color stability. Standard colors include: Federal Yellow, Brick Red, Clay Red, Safety Red, Gray, and Black.

### PHYSICAL CHARACTERISTICS:

|                                   |                                |             |
|-----------------------------------|--------------------------------|-------------|
| Compressive Strength              | 28,900 psi                     | ASTM D 695  |
| Flexural Strength                 | 29,300 psi                     | ASTM D 790  |
| Water Absorption                  | .07%                           | ASTM D 570  |
| Slip Resistance                   | 1.18 Dry/1.05 Wet              | ASTM C 1028 |
| Flame Spread Index                | 20                             | ASTM E 84   |
| Salt Spray                        | No Change (200 hours)          | ASTM B 117  |
| Chemical Stain Testing            | No Deterioration               | ASTM 1308   |
| Abrasion Resistance               | 549                            | ASTM C 501  |
| Accelerated Weathering            | Delta E <5.0 (2,000 hours)     | ASTM G 155  |
| Tensile Strength                  | 11,600 psi                     | ASTM D 638  |
| Adhesion to Conc.(20-180 degrees) | No Delamination or Degradation | ASTM C 903  |
| Freeze/Thaw/Heat                  | No Disintegration              | ASTM C 1026 |

**INSTALLATION** Surface Applied Tactile Warning Surface Panels shall be mechanically fastened and adhered to the underlying substrate.

**INCIDENTALS** **Fasteners:** 1/4" x 1 5/8" Composite Sleeve Anchor with SS pins.  
**Adhesive:** One Component Structural Polyether Adhesive.  
**Sealant:** BASF NP1, Sikaflex 1A, or equivalent.

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