



# PRODUCT SPECIFICATIONS

## SURFACE MOUNT COMPOSITE TILES

### Inline Dome Pattern: Tactile Warning Surface

View additional photos, drawings and specifications on our website: [www.adatale.com](http://www.adatale.com).  
Call (800) 372-0519 with any questions.

**DOMES 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.

**TWS PANEL DIMENSIONS** TWS 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 1/2" beveled edge. Each panel has 12 to 24 pre-formed fastener locations based on panel size.

**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, Dark Gray, Black, and Blue.

#### 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 Concrete (20° -180°)	No Delamination or Degradation	ASTM C 903
Freeze/Thaw/Heat	No Disintegration	ASTM C 1026

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

**INCIDENTALS** **Fasteners:** 1/4" x 1 5/8", yellow composite sleeve anchor with SS pins.  
**Adhesive:** one component structural urethane adhesive.  
**Sealant:** Sonneborn NP1, Sikaflex 1A, or equivalent.

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