



PRODUCT DATA SHEET

CAST-IN-PLACE TACTILE

Inline Dome Pattern: Tactile Warning Surface

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

DOMES GEOMETRY	<i>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 1.67" minimum and 2.35" maximum.</i>	
TWS UNIT DIMENSIONS	TWS Units are available in 24"x36", 24"x48", 24"x60", 36"x48", and 36"x60" sizes. TWS Units may also be custom configured to accommodate specific project requirements. TWS Units measure 0.20" nominal thickness and feature embedment ribs at 3" on center.	
MATERIAL	A homogenous glass and carbon reinforced composite which is colorfast and UV stable. Truncated domes are fiberglass reinforced for enhanced durability. The color of the TWS Unit 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, Black, and Blue.	
INSTALLATION	TWS Units are to be used on new curb ramp locations. The TWS Units can be pre-filled with concrete and set in place or pressed into place in the freshly poured concrete.	
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
Load Bearing at 16,000#	No Damage	AASHTO-H20
Freeze/Thaw/Heat	No Disintegration	ASTM C 1026

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