



PRODUCT SPECIFICATION

ADA REPLACEABLE (WET-SET)
COMPOSITE TACTILE (U.S. PATENT PENDING)
Inline Dome Pattern: Tactile Warning Surface

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 1.6" minimum and 2.4" maximum.

DIMENSIONS: ADA Replaceable (Wet-Set) Composite Tactile Units (ADAREP) units are available in 24"x36", 24"x48", and 24"x60" sizes. ADAREP units may also be custom configured to accommodate specific project requirements. ADAREP units measure 0.375" nominal thickness and features a 5/8" thick x 1" wide perimeter "flange".

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 ADAREP 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, Black, Gray, and Clay Red.

INSTALLATION: ADAREP units are to be used on new curb ramp locations. With stainless steel bolts and anchors attached, the ADAREP unit is firmly pressed into place in the freshly poured concrete. The ADAREP units may be replaced by removing the fasteners and inserting a new interchangeable ADAREP unit in the existing recess. The original anchors remain in place. The ADAREP unit may be replaced in minutes.

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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