

5-Year
Warranty

Proudly Made in
the U.S.A.



ADA SOLUTIONS, INC.
DETECTABLE WARNING SURFACES
FOR PEDESTRIAN CROSSINGS

CAST-IN-PLACE (WET-SET)
REPLACEABLE TACTILE



Service, Delivery and Price
Make ADA Solutions, Inc. the Obvious Choice

WWW.ADATILE.COM • 800-372-0519



CAST-IN-PLACE (WET-SET) REPLACEABLE TACTILE

**Proudly Made in
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In stock colors

White
37875



Brick Red
20109



Yellow
33538



Blue
15187



Safety Red
31350



Seattle Yellow
23594



Black
37038



Dark Gray
36118



Clay Red
22144



US Patents*

[*www.adatale.com/patents](http://www.adatale.com/patents)

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CAST-IN-PLACE REPLACEABLE TACTILE

Inline Dome Pattern

DOME GEOMETRY

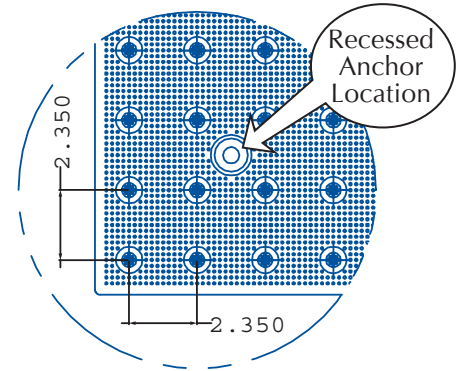
In accordance with ADA Regulations for Detectable Warning on Curb Ramps: Raised truncated domes with a diameter of nominal 0.9", a height of nominal 0.2" and a center-to-center spacing of 2.35".

PANEL DIMENSIONS

ADA Cast-In-Place Replaceable Tactile units (ADAREP) are available in 24" x 24", 24 x 36", 24" x 48", 24" x 60", 36" x 48" and 36" x 60" sizes. ADAREP units may also be custom configured to accommodate specific project requirements. ADAREP units measure 1/4" nominal thickness and feature a 3/8" thick x 1" wide

perimeter "flange." MATERIAL

A durable exterior grade homogenous glass, carbon and fiberglass reinforced composite material which is colorfast and UV stable. 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, 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

| | | |
|-----------------------------|---------------------------|-------------|
| 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 lbs. | No Damage | AASHTO-H20 |
| Freeze/Thaw/Heat | No Disintegration | ASTM C 1026 |

INCIDENTALS

Fasteners: 1/2" x 1 1/2"
heavy duty steel
bolts and washers.

Anchors: 1 1/2" corrosion
resistant concrete inserts.

WARRANTY

ADAREP units shall be guaranteed in writing for a period of five (5) years from date of contract's final completion. The guarantee includes breakage and deformation of the tactile warning surface material.

5-Year
Warranty



Color
Throughout

CAST-IN-PLACE REPLACEABLE TACTILE

Installation Procedure

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

A. The physical characteristics of the concrete shall be as specified in the contract documents while maintaining a slump range of 4-7 inches to permit the solid placement of the ADA Cast-In-Place Replaceable Tactile Unit (ADAREP) in the wet cement.

B. The concrete shall be poured and finished level, true and smooth to the required dimensions prior to the placement of the ADAREP unit.

C. Place the ADAREP unit 6-8 inches from the curb line. Working in a grid pattern, tamp the ADAREP unit into the wet concrete using a rubber mallet and a piece of wood. Continue this process until all of the air has been released, and the ADAREP unit surface is flush with the surrounding area. **IMPORTANT: Avoid striking the surface of the ADAREP unit directly.**

D. Following the placement, the ADAREP unit elevation should be checked to the adjacent surface with a straight edge. The ADAREP unit elevation should be consistent with the Contract Drawings and Specifications. Any required adjustments must be made prior to the time when the concrete begins to set.

E. **IMPORTANT NOTICE TO INSTALLER:** *To allow for expansion and contraction, after tile is installed, use a 1/4" finish edge trowel around entire perimeter. On a continuous run, be sure to space each unit 1/8" apart.*

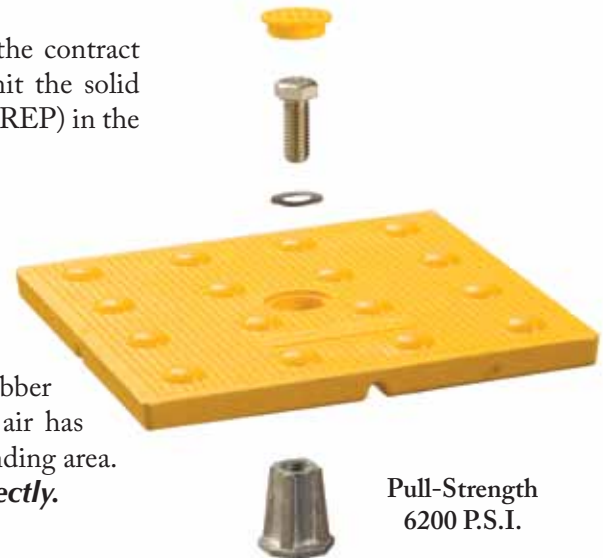
F. When you are confident that the ADAREP unit is in place and no further adjustments are needed, place a cinder block on both ends, if necessary, to hold the ADAREP unit in place while the concrete sets.

G. During and after the ADAREP unit installation, as well as the concrete curing stage, no walking or external forces can be placed on the ADAREP unit. The area must be protected from pedestrian traffic until concrete is cured. The ADAREP Warning Surface will be ready for pedestrian traffic within 2-4 hours.

H. Be sure to remove plastic protective covering from the face of the ADAREP Unit once the concrete is cured.

*Not recommended or warranted for asphalt installation.

Do not cut Cast-In-Place Replaceable Tactile. Use an appropriate sized tactile or Radius Tactile to fit the requirement. Contact manufacturer for more details.



PRODUCT SIZES
2'x2' 2'x3' 2'x4'
2'x5' 3'x4' 3'x5'

APPLICATION
Fresh Pour
Concrete Ramps
& Replacement

CAST-IN-PLACE REPLACEABLE TACTILE

(WET-SET)

Replacement Procedure

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

- A.** Lift the existing composite bolt cap from each anchor location on the ADA Cast-In-Place Replaceable Tactile unit (ADAREP) with a flat head screw driver.
- B.** Remove the existing 1/2" x 1 1/2" heavy duty steel bolts and washers from each anchor location on the ADAREP unit with a ratchet. Save & reuse.
- C.** Tap around all sides of the ADAREP unit and across the middle with a rubber mallet, working in a grid pattern.
- D.** Pry the existing ADAREP unit from the concrete ramp with a small prybar, working around the edges until it can be lifted cleanly away.
- E.** Be sure to remove all small debris and dust from the existing impression in the concrete ramp.
IMPORTANT: Be careful not to get debris into anchor locations.
- F.** Replace new ADAREP unit, of same size and orientation, into impression in concrete ramp. Lightly tamp down the ADAREP unit with a rubber mallet and a piece of wood. Continue this process until the ADAREP unit is set firmly into existing impression in concrete ramp.
IMPORTANT: Avoid striking the ADAREP unit directly.
- G.** Bolt existing 1/2" x 1 1/2" heavy duty steel bolts and washers back into each anchor location on new ADAREP unit.
- H.** Snap a new composite bolt cap provided, into each anchor location on the ADAREP unit. The ADAREP unit is ready for pedestrian traffic immediately after installation is complete.



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

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