

**Cast-in-Place Tactile Panels  
(ADA Detectable Warning)**

PRODUCT (BRAND)

MANUFACTURER

Access-Tile  
(Replaceable Cast-in-Place Tiles)  
(Yellow only)

Access Products, Inc.  
1104 Corporate Way  
Sacramento, California 95831  
916-361-6545

ADA Detectable Warning Tile  
Cast-in-Place Paver Units  
1.67" & 2.35" Dome Spacing  
(Yellow only & w Metal Anchor)

DetecTile Corp.  
P.O. Box 3513  
Oak Brook, Illinois 60523  
312-213-1507

ADATile  
Cast-in-Place Paver Units  
1.67" & 2.35" Dome Spacing  
(Yellow only)

ADA Solutions  
P.O. Box 3  
North Billerica, Massachusetts 01862  
800-372-0519

ADATile  
Cast-in-Place Paver (Replaceable)Units  
1.67" & 2.35" Dome Spacing  
(Yellow only)

Armorcast  
(Yellow only)

Armorcast Products Company  
13230 Saticoy Street  
North Hollywood, California 91605  
818-982-3600

Armor-Tile Tactile Systems  
Cast-in-Place Tiles  
(Yellow only)

Engineered Plastics Inc.  
300 International Drive, Ste. 100  
Williamsville, NY 14221  
800-682-2525

Armor-Tile Tactile Systems  
Replaceable Cast-in-Place Tiles  
(Yellow only)

**Method of Documentation of Acceptance:** By brand and manufacturer. Resident Engineer should verify the panels used meet the dimensional requirements of the plans.

**Procedure for Approval:** Cast-in-place tactile panels used shall be composed of a vitrified polymer composite material. The color of the tactile panels shall conform to Federal Color No. 33538, and shall be homogeneous throughout the product. The tactile panels shall be cast into the wet concrete. Surface applied products shall not be allowed. The cast-in-place tactile panels shall meet the size and spacing requirements shown in the plans.

The color of the tactile panels shall be ultraviolet stabilized to minimize color fade. The surface shall be non-slip and incorporate "truncated domes" made of the same material as the tactile panel. Dimensions and spacings of the "truncated domes" shall be in accordance with Standard Drawings WR-1 and WR-2, and shall be in compliance with applicable American with Disabilities Act Accessibility Guidelines (ADAAG) and American with Disabilities Act (ADA) regulations regarding detectable warning surfaces.

The tactile panels shall have a minimum edge thickness of 0.45 inch, exclusive of the height of the truncated domes; tactile panels shall have a minimum internal thickness of 0.14 inch, exclusive of the height of the truncated domes. The tactile panels shall be cast into the wet concrete and anchored in the fresh concrete with internal embedment ribs/flanges or with anchoring devices that attach to the bottom of the tactile panel. Surface applied tactile panels shall not be allowed.

Samples of cast-in-place tactile panels submitted for approval shall be accompanied by product literature and installation instructions. The cast-in-place tactile panels shall meet the size and spacing requirements shown in the plans and Standard Drawing WR-1 and WR-2.

**Note:** The panels shall also be subject to review and approval / disapproval by the Department's Roadway Design and Maintenance Divisions.

After approval for inclusion in the Qualified Products List, samples may be taken at random from shipments for testing. Any deviation in material and/or performance from the original sample may be sufficient reason to discontinue acceptance of the material from the manufacturer. Determination of this shall be by the Materials Engineer.

