

Cast-In-Place Tactile Panels (ADA Detectable Warning)

<u>Supplier</u>	<u>Brand</u>	<u>Material</u>
Access Products, Inc. Sacramento CA - Sacramento CA	Access-Tile	(Replaceable Cast-in-Place Tiles)(Yellow Only)
ADA Solutions North Billerica MA	ADA Tile	Cast-in-Place Paver (Replaceable) Units 1.67" & 2.35" Dome Spacing (Yellow only)
	ADA Tile	Cast-in-Place Paver Units 1.67" & 2.35" Dome Spacing (Yellow only)
Advanced Roadway Manufacturing, Inc. Titusville FL	Equal Tile	Cast-in-Place Tiles (Yellow only)
AlertTile Cape Fear Systems, LLC Wilmington NC	AlertCast	(Replaceable Cast-in-Place Tactile Panel)(ADA Detectable Warning)(Yellow Only)
Armorcast Products Company North Hollywood CA	Armorcast	(Yellow only)
DetecTile Corp. Oak Brook IL	Cast-in-Place Paver Units	1.67" & 2.35" Dome Spacing (Yellow only & w/ Metal Anchor)
Engineered Plastics Inc. Williamsville NY	Armor-Tile Tactile Systems	Cast-in-Place Tiles (Yellow only)
	Armor-Tile Tactile Systems	Replaceable Cast-in-Place Tiles (Yellow only)

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Method of Documentation of Acceptance:

By brand and source. Resident Engineer should verify the panels used meet the dimensional requirements of the plans.

Method of 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 inches, exclusive of the height of the truncated domes; tactile panels shall have a minimum internal thickness of 0.14 inches, 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.

No information contained in these lists is to be used for promotional purposes.

The manufacturer of privately labeled products must be disclosed.