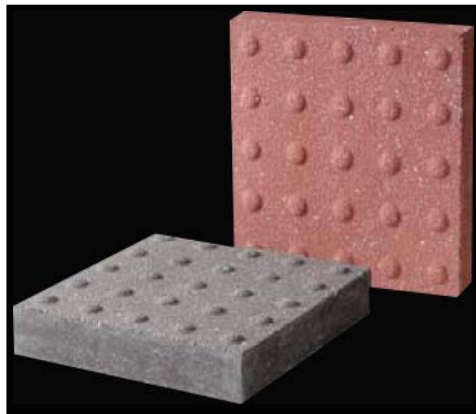
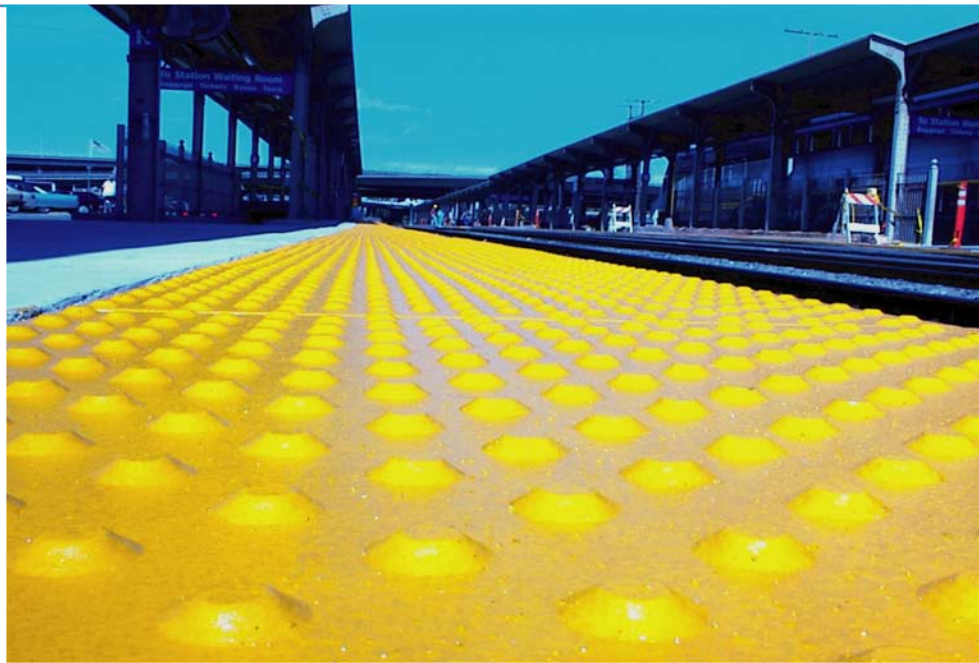


Tile Tech Pavers[®]

Paving America one step at a time.



MANUFACTURER OF DETECTABLE WARNING PAVERS

2 Detectable Warning Pavers

Detectable Warning Pavers or **ADA Truncated Domes** are a distinctive surface pattern of domes detectable by cane or underfoot that are used to alert people with vision impairments of their approach to streets and hazardous drop-offs. The ADA Accessibility Guidelines (ADAAG) require these warnings on the surface of curb ramps, which remove a tactile cue otherwise provided by curb faces, and at other areas where pedestrian ways blend with vehicular ways. They are also required along the edges of boarding platforms in transit facilities and the perimeter of reflecting pools.

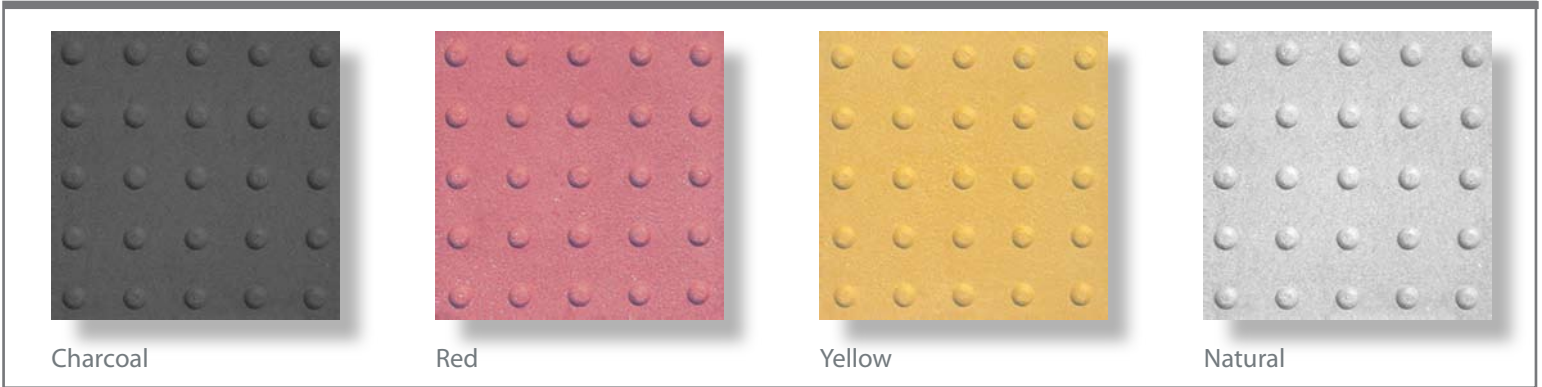
Tile Tech Pavers has been working with various government agencies and municipalities to design and provide a paver which would aid the partially sighted and blind pedestrian. Persons with visual impairments depend upon environmental cues of potential hazards ambient sounds and physical elements that can be sensed by a cane or texture changes underfoot.

Any pedestrian area requiring the use of a detectable warning surface can utilize these Detectable Warning Pavers. The top surface have non-slip properties and raised truncated domes. These are readily detectable under foot and by cane.



Since July 26, 2001 the suspension on the use of detectable warnings has been lifted, and the FHWA is obligated to enforce the requirements. As a result state and local governments are required to apply minimum design standards. The original design standard (minimum) for truncated domes is found in ADAAG (4.29.2), however new design recommendations for the dimension and placement of the domes on curbs have been made. Both FHWA and the U.S. Access Board are encouraging the use of the new aligned or in-line dome design.

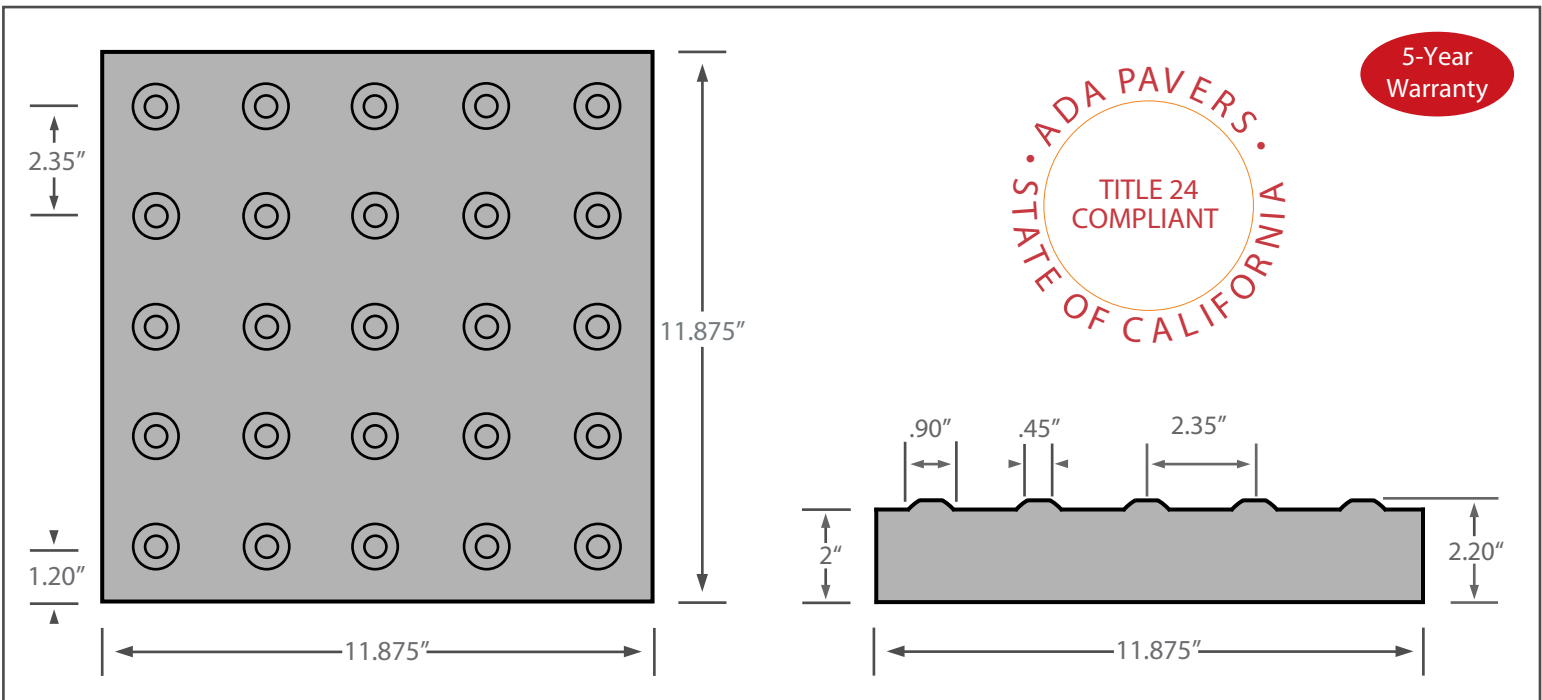
Standard Colors



Manufactured in accordance with the requirements set forth in the American Disabilities Act (ADA), Tile Tech Detectable Warning Paver is fabricated with a non-slip texture applied to the surface of the paver. Projects will benefit from its high psi strength and ability to withstand snow removal and freeze thaw conditions. Typical installations include railway platforms, handicap ramps and curb and grade changes.

Standard Sizes			
Nominal	Actual	Thickness	Weight/Sqft
12 x 12 x 2"	11.875" x 11.875" 300mm x 300mm	2"	21lb
<p>Please Note: The standard thickness of the paver does not include the height of the dome. A paver which is ordered at a 2" thickness will actually measure 2.20" from the bottom of the paver to the top of the dome.</p>			

Detectable Warning Pavers are stocked in the four standard colors shown above. Custom colors & sizes are available on special request when quantities permit. Detectable Warning Paver can be sand set, mortar set or thinset. Contact Tile Tech Pavers for more information.



Please Note: Colors & finishes shown are only a representation. Please request samples for approval.

Tile Tech Pavers Specification Summary

PART ONE- GENERAL

- 1.1 Summary
 - A. Scope of work
 - 1. Precast Concrete Pavers
 - 2. Detectable Warning Pavers
- 1.2 References
 - A. ASTM - American Society for Testing & Materials
 - 1. ASTM C-33
 - 2. ASTM C-140
 - 3. ASTM C-150
 - 4. ASTM C-241
 - 5. ASTM C-293
 - 6. ASTM C-501, 50
 - 7. ASTM C-1028
- 1.3 Quality Assurance
 - A. Manufacturer
 - 1. Minimum of 5 years experience manufacturing precast concrete pavers.
 - 2. Supply a written installation procedure manual.
 - B. Installation Contractor
 - 1. Minimum of 1 year experience installing precast concrete pavers on projects of similar size
 - 2. Installation contractor must meet all local, state/provincial licensing & bonding requirements
- 1.4 Warranty
 - A. Manufacturer/Installer shall warrant installed system for a period of 1 year from date of substantial completion against failure of workmanship and materials.
- 1.5 Maintenance
 - A. Furnish supply of maintenance materials to the owner from same lot as materials installed.

PART TWO - PRODUCTS

- 2.1 Manufacturers
 - A. Acceptable Manufacturers
 - 1. Tile Tech Pavers - Los Angeles, Ca
www.tiletechpavers.com
- 2.2 Materials
 - A. Portland Cement: ASTM C-150 specs
 - B. Aggregated: ASTM C-33 specs
 - C. Coloring: Pigments shall be inorganic and resistant to alkalinity
- 2.3 Manufactured Units
 - A. Precast Concrete Pavers
 - 1. Sizes: 11-13/16" x 11-13/16" (Actual)
11-13/16 x 23-5/8 (Actual)
15-3/4" x 15-3/4" (Actual)
15-3/4" x 15-3/4" (Actual)
19-7/8" x 19-7/8" (Actual)
 - 2. Comprehensive strength: Average not less than 7,000psi per ASTM C-140
 - 3. Water Absorption: Not greater than 5% per ASTM C-140
 - 4. Freeze/Thaw: 50 cycles with less than 1% loss of dry weight. ASTM c-67
 - 5. Center Load: Minimum load of 1,750lb applied to center of paver supported on four corners by pedestal
 - 6. Flexural Strength: Not less than 600psi per ASTM C-293

PART THREE - EXECUTION

- A. Sand Set Installation
- B. Mortar Set Installation
 - 1. Thin Set
 - 2. Thick Set
- C. Pedestal Installation

For complete material & installation specifications, please contact Tile Tech Pavers

Physical Properties

Compressive Strength	Avg >8,000psi	ASTM C-140
Flexural Strength	>600psi	ASTM C-293
Water Absorption	<5 %	ASTM C-936
Coefficient of Friction	>0.6%	ASTM C-1028
Freeze Thaw	<1 %	ASTM C-67

Colors & finishes shown are only a representation. Please request samples for approval.

