



Detectable Warning Materials

Material Producer List

Landscape Architecture Section

Design Division

Detectable Warning Materials

Detectable warnings are a distinctive surface pattern of truncated domes that are detectable by cane or underfoot and are used to alert people with vision impairments of their approach to streets and other hazardous areas. Detectable warning products shall comply with the 2010 ADA Standards for Accessible Design, Section 705, published by the U.S. Department of Justice on September 15, 2010, and the 2012 Texas Accessibility Standards (TAS), Section 705, published by the Texas Department of Licensing and Regulation effective March 15, 2012.

The following manufacturers for detectable warning materials have complied with DMS-4350, "Detectable Warning Materials." This Specification describes the procedure for pre-approval.

- Surface applied detectable warning materials are those materials or systems affixed to an existing substrate without demolition. Methods of adherence include chemical bonding, adhesives, mechanical fasteners, or other methods.
- Cast-in-place detectable warning systems include those materials or systems that are "wet set" into freshly poured concrete while it is still in the plastic state and require existing ramps to be demolished and re-poured for installation.
- Unit paver detectable warning systems include concrete and fired clay pavers that fit together to form a detectable warning surface. Unit pavers are categorized as cast in place materials.

For more information, contact the Design Division - Landscape Architecture Section at 512-416-3089 or Materials & Tests Division - Coatings, Calibrations, and Traffic Materials Section at 512-965-9141.

Table 1: Surface Applied Materials

Producer	Product
Engineered Plastics, Inc. Williamsville, NY	Armor Tile Surface Applied Tile
Detectable Warning Systems Jacksonville, FL	AlertTile
Professional Pavement Products Jacksonville, FL	"Redi-Mat" Detectable Warning Mat

Producer	Product
Safety Step TD Redlands, CA	SSTD-Mat Tactile Warning Device System
ADA Solutions, Inc. North Billerica, MA	Surface Applied/Retrofit Tiles
Access Products, Inc. Buffalo, NY	Access Tile Surface Applied
TufTile ADA Detectable Warning Products Lake Zurich, IL	TufTile Surface Applied Polymer Tile TufTile Surface Applied Galvanized Steel (replaceable) Tile
Advanced Roadway Manufacturing, Inc. Titusville, FL	Surface Applied Panels

Table 2 – Cast in Place Materials

Producer	Product
Engineered Plastics, Inc. Williamsville, NY	Armor Tile Cast in Place Tile
Detectable Warning Systems Jacksonville, FL	AlertCast Detectable Warning System
MetaDome, LLC Madison, WI	MD Meta Panel Cast in Place
East Jordan Iron Works, Inc. East Jordan, MI	DURALAST Cast Iron Detectable Warning Plate
StrongGo LLC Tuscon, AZ	TekWay® Dome-Tiles
ADA Solutions, Inc. North Billerica, MA	Cast in Place Composite Tiles Replacable (Wet Set) Composite Tiles
Access Products, Inc. Buffalo, NY	Access Tile Cast in Place
TufTile ADA Detectable Warning Products Lake Zurich, IL	TufTile Wet Set Polymer Tile TufTile Wet Set Galvanized Steel (replaceable) Tile TufTile Wet Set Cast Iron (replaceable) Tile
Neenah Foundry Company Neenah, WI	Cast Iron Detectable Warning Plate
Advanced Roadway Manufacturing, Inc. Titusville, FL	Wet Set (Cast in Place) Panel Cast Iron Detectable Warning Panel
Example: Pine Hall Brick Winston-Salem NC	ADA Truncated Dome (Unit) Paver - Clay fired pavers meeting ASTM C 902 for Class SX, Type I, or ASTM C 1272
Example: Pavestone Company	ADA Compliant (Unit) Paver – Concrete pavers meeting ASTM C 936