

Armor-Tile™

Tactile Systems



ARMOR-TILE™

Setting the standard for DURABILITY AND DETECTABILITY in tactile systems.

The world's largest selection of detectable warning products for:

- Curb Ramps
- Vehicular Areas
- Parking Structures
- Stairways
- Pedestrian Crossings
- Escalator Approaches
- Transit Platforms
- Multi-Modal Transit Stations

Installation

A. **Cast in Place:** Pour and float concrete, set tile by tamping down into concrete until all air voids are removed, edge around perimeter, cut off protective plastic sheet.

B. **Surface Applied:** Grind substrate, remove dust on tile and substrate, apply adhesive to back of tile, drill into concrete, install fasteners, clean tile surface, apply perimeter sealant.

C. **Modular Paver:** Box out or saw cut concrete, lay a gravel or mortar bed, tamp paver onto substrate, place 3/8" diameter foam rope at bottom of all joints, apply joint sealant.

D. **Directional Tile:** Grind substrate 3/16" deep, 6" wide, saw cut two 3/4" deep grooves, remove dust on tile and substrate, apply adhesive to back of tile, drill into concrete, install fasteners, clean tile surface, apply perimeter sealant.

E. **Guidance Tile:** Pour and float concrete, set tile by taping into concrete until all air voids are removed, edge around the perimeter.

Easy to Install

Please see www.Armor-Tile.com for detailed installation instructions and videos.

Manufacturer training is available to establish the highest quality standards.

WHO WE ARE.....

Armor-Tile™ is the world leader in detectable warning systems. Manufactured of a diamond-hard vitrified polymer composite, **Armor-Tile™** truncated dome and directional tiles are the industry leader for durability, weather and wear resistance.

Armor-Tile™ is your one stop source for all tactile systems for the visually impaired, in full compliance with the Americans with Disabilities Act (ADA).

Please visit www.Armor-Tile.com for information on ADA regulations, detailed product specifications, detail drawings, installation instructions, videos and more.....

TECHNICAL DATA

ASTM	TEST DESCRIPTION	TEST RESULT
D570-98	Water Absorption	Less than 0.08%
C1028-96	Slip Resistance	Greater than 0.80
D695-02a	Compressive Strength	Greater than 28,000 psi
D638-02a	Tensile Strength	Greater than 28,000 psi
D790-03	Flexural Strength	Greater than 25,000 psi
D543-95	Chemical Stain	No discoloration or staining
D2486-00	Abrasive Wear	6000 cycles/Less than 0.060
C501-84	Wear Resistance	Greater than 500
G155-05a	Accelerated Weathering	300 hours/No fading or chalking
B117-03	Salt Spray	200 hours/No deterioration
D1037-99	Freeze/Thaw	No cracking, delamination, or other defects

AVAILABLE IN THE FOLLOWING SIZES AND COLORS:

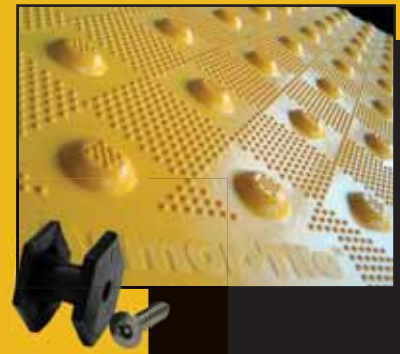
12"X12" • 24"X24" • 24"X36" • 24"X48" • 24"X60"
36"X48" • 36"X60"

	Federal Yellow (YW) FED 33538		Ochre Yellow (OCR) FED 23594
	Colonial Red (COL) FED 20109		Brick Red (RD) FED 22144
	Onyx Black (BK) FED 17038		Dark Gray (DG) FED 36118
	Light Gray (LG) FED 26280		Pearl White (WH) FED 37875
		Ocean Blue (BL) FED 15187	

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Replaceable Cast in Place

The NEW Replaceable Cast in Place system features the ability to easily replace the tile surface without the removal and replacement of concrete. The tamper-proof stainless steel fastener maintains a flush tile surface and the corrosion resistant hexagonal anchor integrates with the concrete for optimal anchoring power.



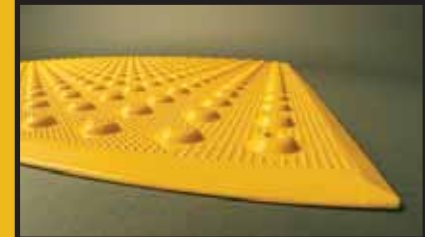
Cast in Place

The traditional Cast in Place detectable warning tile is an ideal solution for tactile needs and boasts the lowest installation cost available. The integral embedment flanges are the complete anchoring system and the tile is easily cut for angle or radius applications.



Surface Applied

A cost effective solution for retrofit applications or new construction, the Surface Applied tile is supplied as a complete system including the Tile, Adhesive, Fasteners and Sealant. The beveled perimeter edge ensures a smooth transition from the substrate to the detectable warning surface and meets ADA requirements. In addition, the Surface Applied tile is easily cut to conform to angle or radius ramps.



Modular Paver

The Armor-Tile™ Modular Paver is the solution of choice to integrate with landscape pavers, the high strength modular paver can be dry laid on compacted fill or set in a grout bed or drypac. It is also easily cut for angle or radius ramps and available in 12"x12" or 24"x24".



Detectable Directional

Tactile Pathway

Typical areas of use include university campuses, parks, and transit facilities. The detectable directional is supplied as a complete system with the Tile, Adhesive, Fasteners, and Sealant and is available in 12"x12", 6"x48", 12"x48", 24"x48", 36"x48", 36"x60".



Detectable Guidance

Pedestrian Crossing Guide Strip

The Detectable Guidance Tile is to be used as a tactile pathway for the visual community at pedestrian crossings in roadways. The integral embedment flanges are the complete anchoring system for a new construction application. Available in 4"x24".



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