



**Transpo Industries, Inc.** manufactures a variety of innovative products and materials designed for improving road safety and bridge preservation. The company's reputation as an expert in rehabilitation, preservation and safety has made Transpo a leading supplier since 1968.



[WWW.TRANSPO.COM](http://WWW.TRANSPO.COM)

# Step-Safe®

## POLYMER CONCRETE DETECTABLE WARNING TILE

### ADA Compliant Truncated Dome Products

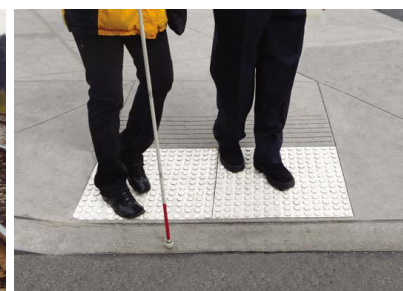
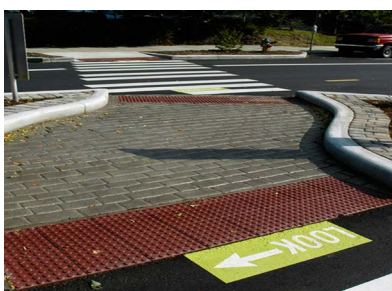
Transpo's Step-Safe® ADA Compliant Detectable Warning Systems alert the disabled or visually impaired of approaching hazards particularly on sidewalks, curbs, subway and rail platforms. Step-Safe® is designed to meet the requirements of the ADA and ABA Accessibility Guidelines for Buildings and Facilities and is available in Cast-In-Place Tiles and Surface Applied Mats.

Step-Safe® Cast-in-Place Tiles are made from polymer concrete with high definition through color. The unique polymer matrix makes the tiles durable and able to maintain their slip resistance even after years of wear and tear. Polymer concrete materials also enable the tactile dome warning surface to resist the effects of weather and strong cleaning solutions.



Step-Safe® is available in six standard colors and in sizes that are easy to handle and install.

PHYSICAL PROPERTIES*		
Property	Units of Measure	Test
<b>Mechanical</b>		
<b>Compressive Strength</b>	10,000 psi	ASTM C109
<b>Flexural Strength</b>	4,000 psi	ASTM C384
<b>Splitting Tensile</b>	1,800 psi	ASTM D307
<b>Impact Strength</b>	100 ft-lb	ASTM D2444 modified
<b>Physical</b>		
<b>Fire</b>	Class A	ASTM E84-87
<b>Water Absorption</b>	0.2% max	ASTM D570
<b>Freeze/ Thaw Resistance</b>	No Change	ASTM C666
<b>UV Sensitivity</b>	2.0 max	ASTM G53
<b>Weight</b>	6 lb/ft <sup>2</sup>	



**SAFER TRANSPORTATION THROUGH INNOVATION**

# Step-Safe®

## POLYMER CONCRETE DETECTABLE WARNING TILE

### Materials

Step-Safe® tiles are manufactured in two sizes:

- 12" x 12" x 1/2" (300mm x 300mm x 12mm)
- 24" x 24" x 1/2" (600mm x 600mm x 12mm)

For new construction, they can be installed in freshly poured concrete or with exterior grade tile mortar. The backside of each tile has exposed coarse angular aggregate that is tightly bonded to the tile, enabling it to obtain a strong bond to wet concrete or mortar surfaces.

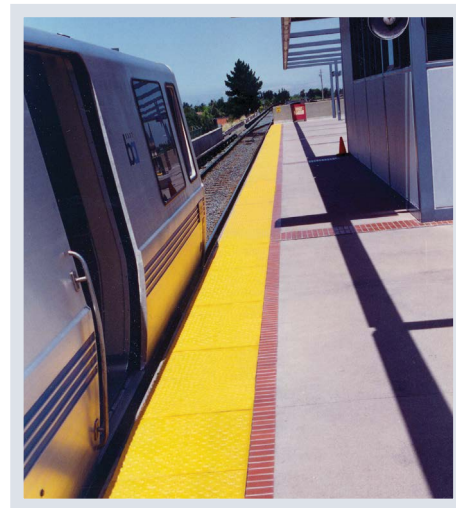
For retrofitting, Step-Safe® tiles can be applied using standard construction adhesive.

Tiles can be cut to fit any installation area and geometry with standard concrete saws.

Installation instructions are available on the website.

### Applications

- Street Crossings
- Building Access Areas
- Train Platforms
- Bus Stops
- Pedestrian Islands
- Walkways
- Wheelchair Ramps
- Light Rail Crossings



### Features and Advantages

- Transpo's Polymer Concrete Tile is Three Times Stronger than Regular Concrete
- High Definition Color and Through Color
- Dome and Textured Surface are Specially Engineered for Skid Resistance
- Resists the Effects of Weather and Strong Cleaning Solutions
- Meets the Requirements of the ADA and ABA Accessibility Guidelines for Buildings and Facilities
- Easy to Install
- Wheelchair Accessible
- High Impact and Compressive Strength
- Class "A" Fire Rated



## Need More Information?

[WWW.TRANSPO.COM/SAFETY](http://WWW.TRANSPO.COM/SAFETY)

Contact the safety experts at Transpo to find out more about the various products we offer. If you need advice on how to install the product, the professionals at Transpo will guide you through the process. Project specific questions? We can assist you in creating a cost-effective, tailored solution for your project.

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