



# TekWay® Tactile Warning Systems

## TekWay ADA Directional Tiles and Navigational Bars

TekWay ADA Navigational Bars are used to safely guide pedestrian with low to no vision along routes where visual cues or points of reference such as the edge of a sidewalk or curbs are nonexistent. Navigational bars are also used to guide individuals from one location to another, such as inside of a mass transit terminal or around obstacles in their path of travel when needed.

The TekWay ADA Navigational Bars are a tactile surface designed with flat topped bars oriented in the direction of pedestrian travel. Much like Directional Tiles, the Navigational Bars must contrast in color with the surrounding area. Those with low to no vision can use the tactile Navigational Bars by either walking on them in the direction of travel or by walking to one side and keeping in contact using a cane.



CHALLENGE	INNOVATIONS	OUTCOME	COMPLIANCE	SAFETY
Heavy Foot and Wheel Traffic	Nano-engineered polymer concrete	Durability & Performance	✓	✓
Higher Vibration and Stresses	TekWay Anchor System	Securely Anchored Tiles	✓	✓
Design requires Cutting of Tile	Structural Fiber-Reinforcement throughout the Tile	Guaranteed Integrity of Tile	✓	✓

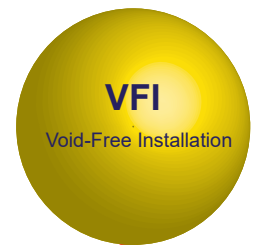


### Nano-Tech Materials

TekWay ADA Directional Tiles are made of nano-engineered polymer concrete to achieve excellent physical, chemical and mechanical properties while being able to form a perfect-to-specification surface, retain color and maintain high slip-resistance.

### Void-Free Installation

The proven TekWay Anchor System and Installation Instructions ensure the permanent attachment of the Directional Tile and the substrate by creating a monolithic structure that will withstand flooding, ice, snow, traffic vibrations and drive-overs.



### High Performance ADA Products

The Synthesis of Nano-Technology and Void-Free Installation = TekWay High Performance Directional Tiles.

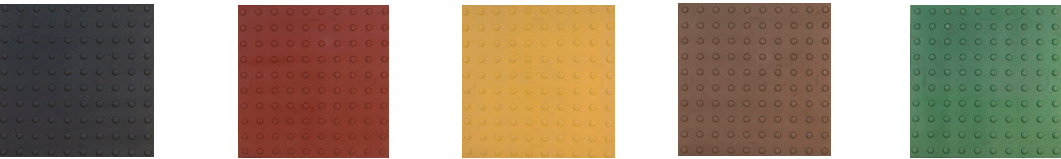


CERTIFIED ASTM - TESTING DATA	Physical Property	Test Method	Results
	Compression Strength	ASTM C 39	>12,000psi
	Abrasion Resistance	ASTM C 418	<= 0.03 cm3/cm2
	Freeze / Thaw	ASTM C 1262	=0.00 %
	Water Absorption	ASTM C 97	<0.25 %
	Slip Resistance	ASTM C 1028	Fa>=0.80
	Flexural Strength	ASTM C 947	>2,500 psi
	Tensile Strength	ASTM C 496	>1,900 psi

**Standard Natural Colors**

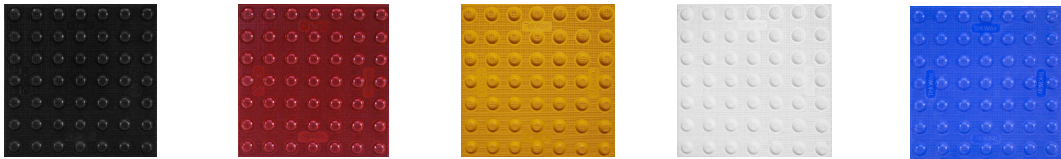
Available Sizes

12" x 12"  
12" x 48"  
30" x 36"



Charcoal LRV=3      Terracotta LRV=5      Yellow LRV=42      Brown LRV=5      Green LRV=6

**Authentic Federal Colors \***



Black LRV=4      Red LRV=7      Yellow LRV=45      White LRV=87      Blue LRV=5

\* All FED-STD-595 Colors are available, Specify requested number upon ordering

**What is LRV?** Light Reflectance Value (LRV) is a universal value for 'contrast'. According to the ADAAG, the color and contrast of detectable warning materials must adhere to the following rule: 705.1.3 Contrast: Detectable Warning Surfaces shall contrast visually with adjacent walking surfaces either light-on-dark, or dark-on-light. Some states allow the installation of Detectable Warning Surfaces if the contrasts meets or exceeds 70% contrast between the dome tile and the surrounding area. TekWay provides the LRV of all dome tile colors that we manufacture.

Visit StrongGo at: [www.stronggo.com/color-contrast-calculator](http://www.stronggo.com/color-contrast-calculator) for determining the contrast percentage.

Industry leading TekWay ADA Directional Tiles are long-lasting and reliable devices for orientation. They are designed to provide citizens with low vision the ability to easily delineate safe walking paths in both indoor and outdoor environments, including crosswalks and mass transit platforms for buses and/or rail.

TekWay Tactile Warning Products are designed with the ability to custom cut and fit tiles in the field to meet specific architectural design requirements. All TekWay Products are engineered with Nano-Technology along with a continuous fiber-reinforced membrane. This allows high flexural strengths and gives installers the ability to easily core and/or saw cut tiles using a diamond blade without concerns of chipping and/or cracking.

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Visit our website at: [www.stronggo.com](http://www.stronggo.com) or scan QR Code

