

Industry Leading  
**TekWay** ADA Domes Designed  
 Specifically For Mass Transit Applications

**TekWay** Tactile Warning Systems are chosen for projects where design, safety and aesthetics are of paramount importance.



TekWay innovations now address the unique challenges of Mass Transit applications. Feel secure choosing the lasting compliance and safety of TekWay without compromising your design and aesthetic ideals.

*Please refer to the table below:*

CHALLENGE	INNOVATIONS	OUTCOME	COMPLIANCE	SAFETY
Heavy Foot and Wheel Traffic	Nano-Technology Materials	Durability & Performance	✓	✓
Extraordinary Vibration	Void-Free Anchor System	Secure Tiles	✓	✓
Exposed Platform Edges	Reinforced Bull-Nose Edge	Impact-Resistant Edges	✓	✓

To prepare for current and future Mass Transit projects, designers and engineers must select specialized ADA compliant Detectable Warning tiles that will withstand the severe stresses created by high volumes of foot traffic & mobility devices at the platform edge. Tekway Tactile Warning Systems are a proven system that meets specifications long after they are installed.



# Why are **TekWay** Tactile Warning Systems the preferred solution for Mass Transit Applications?



## Nano-Tech Materials

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

## Void-Free Installation

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



## High Performance Domes

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

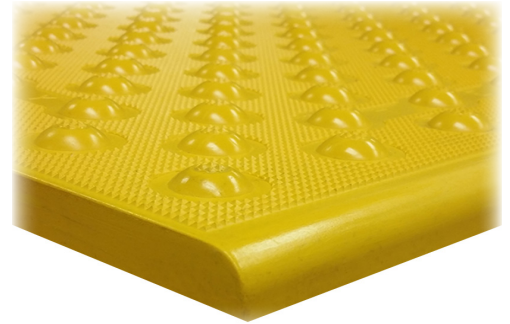


CERTIFIED ASTM - TESTING DATA	Physical Property	Test Method	Results
	Compression Strength	ASTM C 39	>12,000psi
	Abrasion Resistance	ASTM C 418	<= 0.03 cm <sup>3</sup> /cm <sup>2</sup>
	Freeze / Thaw	ASTM C 1262	=0.00 %
	Water Absorption	ASTM C 97	<0.25 %
	Slip Resistance	ASTM C 1028	Fa>=0.80
	Flexural Strength	ASTM C 947	>2,500 psi
	Tensile Strength	ASTM C 496	>1,900 psi

Please note the extremely low water absorption rate of less than 0.25% (FYI - standard concrete has over 5%) and the outstanding compression strength value is greater than 12,000psi (standard concrete is approx 3,500psi). These two key elements alone provide evidence to the fact that TekWay ADA Domes are able to withstand the elements (rain, sun, heat, freezing etc.) without deterioration, and continue to serve as the required reliable device of orientation for those with low to no vision users of Mass Transit transportation over the next few decades..

## TekWay Platform Edge Tiles for Additional Safety

TekWay's straight and radius bull-nose edge dome tiles are the safest options currently available for Mass Transit Platform edge ADA Domes. These tiles are specifically designed to ensure a smooth safe transition for passengers entering and exiting station platforms and the inter-modal transit vehicle.

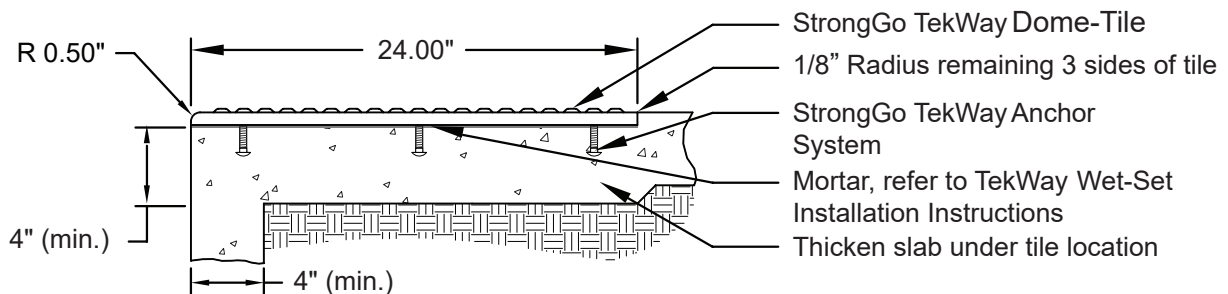


### Full Compliance with ADA regulations

**ADA §705.2 - Platform Edges.** Detectable warning surfaces at platform boarding edges shall be 24 inches (610 mm) wide and shall extend the full length of the public use areas of the platform.

This is required by both the DOJ and DOT ADA Standards and by the ABA Standards.

### TYPICAL - WET-SET INSTALLATION WITH BULL-NOSE EDGE (Fresh Concrete)

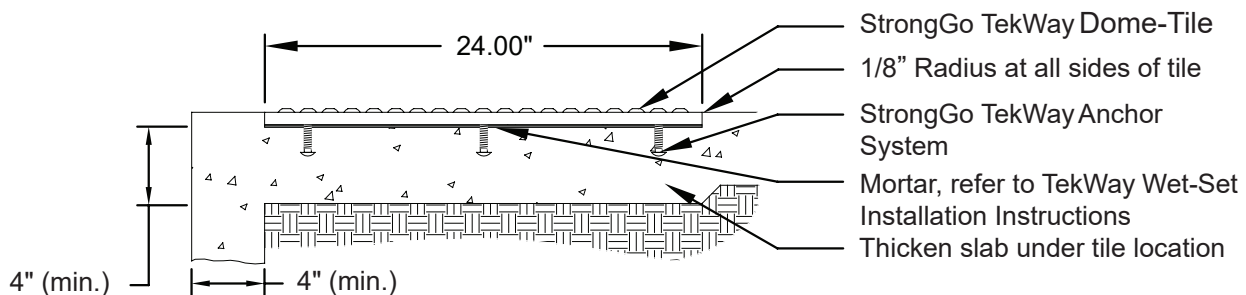


**U.S. Access Board §208.1** - Detectable warning surfaces are required on boarding platforms at transit stops for buses and rail vehicles where the edges of the boarding platform are not protected by screens or guards.

**§208.1.4** - Boarding platforms at transit stops for buses and rail vehicles where the edges of the boarding platform are not protected by screens or guards; and

**§208.1.5** - Boarding and alighting areas at sidewalk or street level transit stops for rail vehicles where the side of the boarding and alighting areas facing the rail vehicles is not protected by screens or guards.

### TYPICAL - WET-SET INSTALLATION WITH STRAIGHT EDGE (Fresh Concrete)

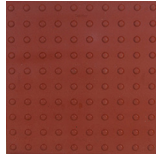




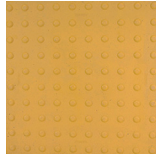
## Standard Natural Colors



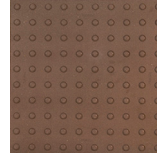
Charcoal  
LRV=3



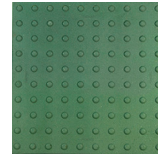
Terracotta  
LRV=5



Yellow  
LRV=42

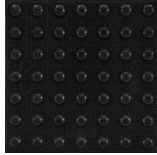


Brown  
LRV=5

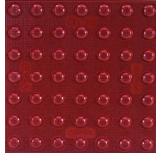


Green  
LRV=6

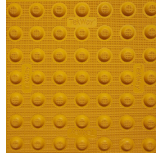
## Authentic Federal Colors \*



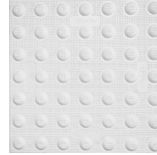
Black  
LRV=4



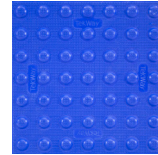
Red  
LRV=7



Yellow  
LRV=45



White  
LRV=87



Blue  
LRV=5

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



TekWay ADA Domes with Bull-Nose  
on Light-Rail Platform

## Additional Benefits Tekway offers:

- Multiple Configurations, Colors and Sizes, including Bull-Nose
- Tile Specific Shop Drawings
- Consulting for Layout/Design
- Dedicated Customer Service



TekWay ADA Domes with Straight  
Edge at Transit Stop

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

