



HIGH PERFORMANCE ADA DOMES

Industry Leading TekWay ADA Domes Designed Specifically For Mass Transit Applications

TekWay ADA Domes 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 High Performance ADA Dome-Tiles are a proven system that meets specifications long after they are installed.





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Why are TekWay® ADA Domes 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 - TEST DATA

PHYSICAL PROPERTY	TEST METHOD	RESULTS
Compression Strength	ASTM C 39-04	>16,800psi
Water Absorption	ASTM C 97	<0.09 %
Freeze / Thaw	ASTM C 1262	=0.00 %
Slip Resistance	ASTM C 1028	Fa >0.85
Flexural Strength	ASTM C 947	>3,000 psi
Tensile Strength	ASTM C 496	>3,000 psi

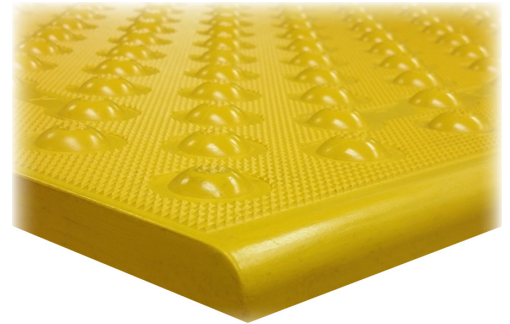
Please note the extremely low water absorption rate of less than 0.09% (FYI - standard concrete has over 5%) and the outstanding compression strength value is greater than 16,800psi (standard concrete is approx 3,500psi). These two key elements alone provide evidence to the fact that TekWay ADA Domes 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 the visually impaired users of Mass Transit transportation over the next few decades..



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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.

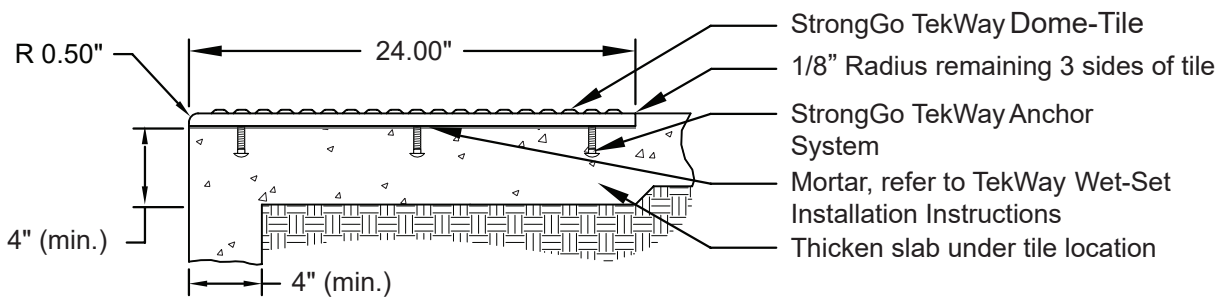


Full Compliancy with ADA regulations

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)

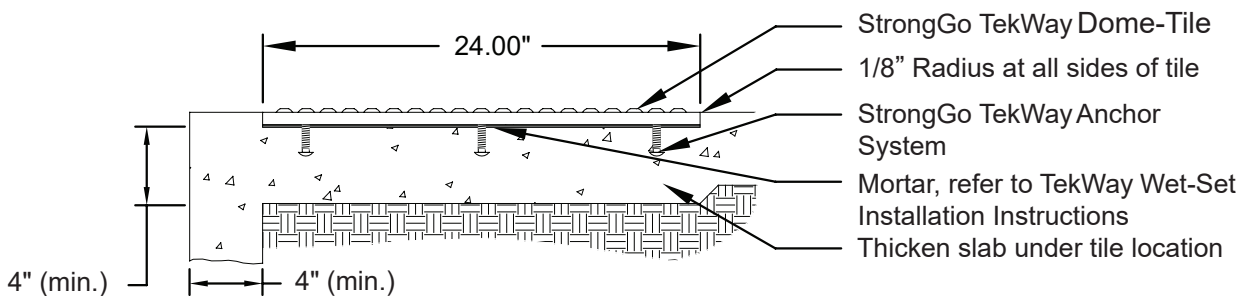


U.S. Access Board §208.1 - Detectable warning surfaces are required on boarding platforms at transit stops for buses and rail vehicles where the edges of the boarding platform are not protected by screens or guards.

§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)





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TekWay High Performance ADA Domes for Mass Transit Applications are available in various Natural colors (White, Yellow, Charcoal, Terracotta Red, Brown, Green and Light Gray) and Authentic Federal Standard 595 Colors* (Yellow, White, Black, Blue, Red, Orange, and Gray).

* 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
- On-site Installation Training Class available

TekWay ADA Domes with Straight Edge at Transit Stop



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