

WET-SET INSTALLATION INSTRUCTIONS (Fresh Concrete) For Pedestrian and Curb Ramps



Step 1: Preparation of Dome-Tiles and Mortar mix



Step 2: Preparation of Wet-Set (Fresh Concrete) for Dome-Tiles



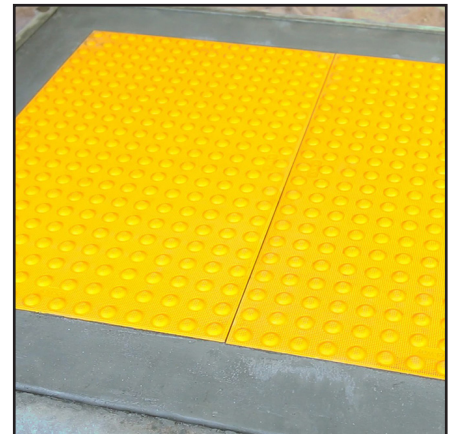
Step 3: Prepare Dome-Tiles for Installation



Step 4: Installing Dome-Tile into Wet-Set (Fresh Concrete)



Removing Protective Covering (If applicable)



Completed Installation



Wet-Set Installation Instructions

Background: The following installation instructions are for Pedestrian and Curb Ramps.

Locate areas to receive TekWay ADA Dome-Tiles. Determine layout of tiles and, if necessary, precut tiles prior to beginning the installation process using a concrete saw with a diamond blade. Before installing, ensure you have the following items on-site.

Tools	Materials
<ul style="list-style-type: none"> • Cordless drill and mixing paddle • Magnesium and Rubber floats • Non-marring rubber mallet 	<ul style="list-style-type: none"> • Mortar mix – Type “S”

Step 1: Preparation of Dome-Tiles and Mortar mix:

- Prior to the arrival of the concrete, place Dome-Tiles face down on buckets. Insert anchors and hand tighten only. Back anchors off one quarter of a turn. Start preparing the mortar mix Type “S” by pouring the dry mix into a bucket.

Step 2: Preparation of Wet-Set (Fresh Concrete) for Dome-Tiles:

- Determine where the tiles will be placed and mark the area. Using a square nose shovel, remove ½ inch of concrete, creating a recess where the Dome-Tiles will be installed.
- Smooth the recessed area using a magnesium float.

Note: Concrete must be fresh and showing no signs of setting up to ensure anchors will be fully encapsulated and achieve a solid bond between mortar and concrete.

Step 3: Prepare Dome-Tiles for Installation:

- Wet the back of Dome-Tiles with water.
- Add water to the dry mortar mix and blend thoroughly.
- Using a rubber float apply the mortar mix (no less than 1/8” thick) to the back of the tiles.
- Remove any mortar from the edges of the tiles (ensures tight tile joints).

Note: 100% MORTAR COVERAGE OF BACK OF DOME-TILE IS REQUIRED.



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Step 4: Installing Dome-Tile into Wet-Set (Fresh Concrete):

- Immediately after applying mortar mix, set tile into recessed area.
- Apply weight with one hand to the center of the tile and with the other hand strike the tile with a non-marring rubber mallet to force out any air pockets from between the tile and concrete.
- Work the tile down until the top surface between the domes is flush with the adjacent surfaces to provide a smooth transition.
- Stand the second tile vertically on the edge of the first tile and gradually lay it down into the concrete.
- Push the second tile up against the first tile and repeat the process for setting the tile flush with the adjacent surfaces.
- Repeat this procedure until the installation is complete.
- Finish concrete per design specifications.

Note: Concrete must be fresh and showing no signs of setting up to ensure anchors will be fully encapsulated and achieve a solid bond between mortar and concrete.

Following the above procedure will help to ensure 100% surface contact between the concrete and the Dome-Tiles. Concrete/Domes will become a monolithic structure.

Note: Removing Protective Covering:

- If applicable, remove protective covering from the TekWay® ADA Dome-Tiles within 48 hours after completing the above steps.

Warning: Sunlight damages the protective covering! The removal of this covering within 48 hours will ensure a quality and maintenance free installation.



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Additional Benefits Tekway^b offers:

- Multiple colors, sizes, and configurations
- Tile specific shop Drawings
- Consulting for Layout/Design
- Dedicated Customer Service
- Custom-colors available
- On-site Installation Training Class available

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