

# DWT Tough-EZ Tile

## CONCRETE INSTALLATION

Equipped with a pressure sensitive adhesive backing, the Tough-EZ Tile is the easiest and quickest surface mount on the market today!



Outline location of tile on surface.  
Delinear la ubicacion azulejo.



Grind surface.  
Pulir la superficie.



Clean with broom or blower.  
Barrer con escoba o soplador.



Apply primer within marked area.  
Aplicar tapaporos en la area delineada.



Remove paper backing.  
Remover el papel de respaldo.



Set tile in place.  
Colocar el azulejo en el lugar.



Apply pressure starting in the middle working out to the edges to ensure complete contact.  
Aplicar presion comenzando por el centro para el borde de afuera para asegurar contacto completo.



Drill holes  
2 inches deep.  
Blow out dust  
from holes.

Taladrar agujeros 2 pulgadas en profundidad. Soplar el polvo fuera de los agujeros.



Install anchors flush to top of domes.

Instale las anclas igualadas a la parte superior de la cupula.



Apply sealant around outside edges of tile.

Aplique sellador al rededor del border del azulejo.



## DWT Tough-EZ Tile Surface Mount Detectable Warning Tile Concrete Surface Installation Manual

1. Be sure that safety guidelines are in place and use recognized safety procedures in accordance with related industry and government standards during all surface preparations and installation of surface mount detectable warning tiles.
2. When applying all tiles, adhesive, and mechanical fasteners be sure to follow proper procedures as outlined in guidelines issued by their respective manufacturers.
3. It is important to coordinate with the Engineer, Architect or Contactor to evaluate the surface and site preparation to ensure it is adequate to install the tiles correctly. Evaluate the design drawings with the Contractor before installation procedures and report any and all design flaws or discrepancies to the Engineer or Architect.
4. Align the **DWT Tough-EZ Tile** on curb ramp according to design drawings, and mark the location of the tile on the concrete or asphalt surface using a permanent marker. Remove the **DWT Tough-EZ Tile** when perimeter of tile is completely marked.
5. The concrete or asphalt surface that accepts the **DWT Tough-EZ Tile** must be mechanically cleaned using a shot blaster or grinder equipped with a wire-cup attachment to remove any dirt, curing agents, topical color, oil, grease and other contaminants. The cleaning and grinding of the surface should extend 1-inch beyond the marked perimeter of the surface that will receive tile.
6. After grinding surface, remove dust or debris with a vacuum, broom or blower. Prior to the installation of the **DWT Tough-EZ Tile**, inspect the surface to make sure it is dry, clean and free of cracks, curing compounds, loose debris, dust, oil, grease and other contaminants, and establish it to be structurally sturdy and cured for at least 28 days.
7. Inside the marked lines on surface, apply primer using a roller to cover entire area between lines. Use approximately 1 oz. of primer per 2 square foot of tile. Allow curing time of 3 minutes before attaching **DWT Tough-EZ Tile**. When spraying primer, use a NIOSH approved cartridge respirator suitable to keep airborne mists and vapor concentrations below the time weighted threshold limit values. When using in properly ventilated and confined spaces, use fresh-air supplying respirator or a self contained breathing apparatus.
8. After primer has cured, carefully remove the paper backing that is protecting the pressure sensitive adhesive from bottom of the tile. Set the **DWT Tough-EZ Tile** square to the marked corners on the curb ramp area as outlined in the design drawings before laying the tile into position.
9. When using **DWT Tough-EZ Tile** side by side, leave a ¼-inch gap between tiles to allow for expansion and contraction of substrate and tile. Failure to leave a ¼-inch joint between adjacent **DWT Tough-EZ** units could result in conformation problems or damage to the tiles. *Do not allow tiles to "butt-up" end to end or allow overlapping of tiles during installation.* Plastic tile spacers may be used to insure a uniform ¼-inch wide nominal joint.
10. Using the DWT roller applicator or applying foot pressure to the entire surface of the tile, apply sufficient pressure to the **DWT Tough-EZ Tile** to insure complete contact with surface. Start by applying pressure in the middle of the tile and working your way to the tile edges.
11. Mechanical fasteners are not required to secure **DWT Tough-EZ Tiles** to the concrete surface. However, for localities that require mechanical fasteners, using a ¼-inch masonry drill bit and hammer drill, drill a 2-inch deep hole that is vertical and straight. Blow concrete dust from drilled hole prior to installing tile anchor. Insert a stainless steel anchor to its full length and drive the pin of the anchor with a mallet being careful to drive pin straight to avoid side blows that could damage the anchor. Make sure the top of the fastener is even with the top of the molded dome. *Lightly tap drive nail into anchor being careful not to overdrive anchor.*
12. Apply SikaBond Construction adhesive/sealant around tile perimeter. It is important to force the sealant into any gaps or spaces between the tiles edge and concrete by using a plastic shaping tool, spatula or a gloved finger making a cupped shaped profile between the tile and adjoining concrete. Immediately remove masking tape from the tile and concrete surface after tooling the perimeter. Any adhesive on the **DWT Tough-EZ Tile** surface can be easily removed with mineral spirits.
13. When using SikaBond Construction adhesive/sealant, be sure cut the tip at a 45-degree angle, and puncture the seal inside of the nozzle and place the cartridge in a caulk gun. Only use adhesive recommended by the manufacturer. Wear protective gloves and safety goggles when applying adhesive.

*Tip: for added weight, running the tire from a vehicle over the entire tile surface is effective for activating pressure-sensitive adhesive backing.*