



*Wherever you go, there we are.®*

---

July 19, 2016

## **ADA SOLUTIONS' COMPOSITE PRODUCTS – MAINTENANCE GUIDELINES:**

### **1. ADA Composite Tactile Warning Surface Products:**

- A. Surface Mount TWS Panels
- B. Cast-In-Place Permanently Embedded Composite Shell TWS Units.
- C. (Wet Set) Replaceable TWS Units\*\*

### **2. ADA Composite Bar Tile Products:**

- A. Surface Mount 6"x24", 8"x24", 12"x12", 12"x24" (NOM.) Bar Tiles

### **2. Cleaning of ADA Composite Tactile Warning Surface/Bar Tile Products:**

- A. All Composite Tactile Warning Surface/Bar Tile Products can be periodically pressure washed as required for cleanliness.
- B. Keep nozzle of pressure washer at least 6" above the surface to be cleaned.
- C. Any standard industrial cleaning solution can be used to clean the Tactile Warning Surface/Bar Tile Product.
- D. Gum, Asphalt, and similar contaminants: Carefully scrape material off of Tactile Warning Surface/Bar Tile Product. A solvent such as acetone or xylene may be used to dissolve any residual contamination.

### **3. Coating of Tactile Warning Surface/Bar Tile Product:**

(According to customer preference and in lieu of replacement of Tactile Warning Surface/Bar Tile Product)

- A. Follow cleaning procedure noted in paragraph 2.
- B. Tactile Warning Surface/Bar Tile Product may be coated in the field with a fast cure UV stable clear compound such as Kurseal 309 as offered by A.H. Harris & Sons, Inc. (Phone: 860-665-9400) or equal. Follow manufacturer's guidelines for application of coating.

### **4. Fasteners: Surface Mount Tactile Warning Surface/Bar Tile Products and (Wet Set) Replaceable Tactile Warning Surface Products only.**

- A. Inspect Surface Mount fasteners and (Wet Set) Replaceable caps to ensure they are securely installed and at appropriate finish grade.
- B. Adjust fastener installation as necessary.

### **5. Sealant: Surface Mount TWS + Bar Tile Products and (Wet Set) Replaceable Tactile Warning Surface Products only.**

- A. Inspect sealant for integrity.
- B. Replace any loose, damaged, or missing sealant.
- C. Clean TWS/Bar Tile Product and substrate.
- D. Install new sealant in accordance with manufacturer recommendations (generally clean, dry substrate in a temperature range of 50-95 degrees Fahrenheit).



*Wherever you go, there we are.®*

Page 2  
July 19, 2016

## **ADA SOLUTIONS' COMPOSITE PRODUCTS – MAINTENANCE GUIDELINES:**

### **6. Snow Removal Operations:**

#### **A. General:**

1. The lower the profile of the TWS/Bar Tile Product, the longer the life cycle of the TWS/Bar Tile Product – regardless of brand or composition.
  - a. Base of Dome/Bar Flush with Adjacent Substrate: This is the most common installation format in areas subject to heavy snow removal operations.
  - b. TOP of Dome/Bar Flush with Adjacent Substrate: When the substrate pitches toward the trackbed or leading edge of the TWS/Bar Tile zone, the TWS/Bar Tile Product can be further recessed to the TOP of the dome/bar so that a snow plow blade can only ride over the top of the truncated dome or bar – thus further prolonging the life of the TWS/Bar Tile Product.
2. Method of Snow Removal:
  - a. OPTIMAL for Maximum Performance: Sweeper Device, Plastic Shovel
  - b. Heating of Platform Structure: Some agencies have integrated an electric or steam driven snow melt grid within the platform structure. The snow melt grid has proven quite effective with light to moderate snowfalls.
  - c. Snow Removal Chemicals: ADA's TWS/Bar Tile Products are virtually impervious to chemical attack. Conventional snow removal chemicals will not damage the TWS/Bar Tile Product.
  - d. Least Desirable Technique: Steel Snow Plow Blade
    1. It is best to raise the snow plow blade slightly so that the blade travels OVER the truncated domes or bars. This will optimize the life cycle of the TWS/Bar Tile Product.
    2. Tilting of the plow blade or repeatedly striking the base of the domes or the elevated body of the TWS/Bar Tile Product (when not recessed) will eventually result in damage to the TWS/Bar Tile Product and will significantly shorten the life of the TWS/Bar Tile Products.
3. As with ANY TWS/Bar Tile Product, the rougher/more abusive the snow removal operation, the shorter the life of the TWS/Bar Tile Product. When snow removal devices are restricted to riding over the top of the domes/bars, the end user will end up with a TWS/Bar Tile Product offering many years of service.

Very Truly Yours,  
ADA Solutions, Inc.

*Helmut Klohn*

Helmut Klohn  
Senior Vice President, Technical Services  
[hklohn@adatile.com](mailto:hklohn@adatile.com)

---

323 Andover Street, Suite 3  
Wilmington, MA 01887  
Tel: 800.372.0519 Fax: 978.262.9125  
[www.adatile.com](http://www.adatile.com)