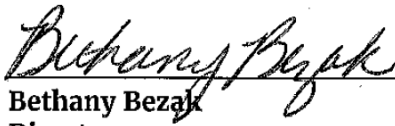
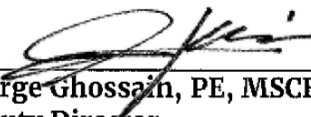





CITY OF SAN DIEGO
APPROVED MATERIALS LIST
FOR
DETECTABLE WARNING TILES

June 2023



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**CITY OF SAN DIEGO
APPROVED MATERIALS LIST (AML) FOR DETECTABLE WARNING TILES (DWT)**

Purpose: The following sets forth the City’s AML for DWT on curb ramps and other areas that require DWT within the City’s facilities and right-of-way.

Type of Detectable Tactile Warning Tile	Specifications Reference	Manufacturer	Additional Requirements	Manufacturer’s Literature
Cast In Place Detectable Warning (Vitrified Polymer Composite)	Section 218 and 303-5.10, City of San Diego Supplement (Whitebook)	Armor Tile Tactile Systems by Engineered Plastics Inc., 300 International Drive Suite 100 Williamsville, NY 14221	SDG-130, City of San Diego Standard Drawings	 ArmorTile_ADA-C-12  ArmorTile_ADA-C-36 48
Cast In Place Detectable Warning (Reinforced Composite)	Section 218 and 303-5.10, City of San Diego Supplement (Whitebook)	ADA Solutions by ADA Solutions P.O. Box 3 North Billerica, MA 01862	SDG-130, City of San Diego Standard Drawings	 ADASolutions_CIP24 x36_1  ADASolutions_CIP36 x48_1  ADASolutions_ada_b rochure
Replaceable Wet Set (Reinforced Composite)	Section 218 and 303-5.10, City of San Diego Supplement (Whitebook)	ADA Solutions by ADA Solutions P.O. Box 3 North Billerica, MA 01862	SDG-130, City of San Diego Standard Drawings	 ADASolutions_ada_b rochure  ADASolutions_REP24 x36  ADASolutions_REP36 x48

Access Tile Cast in Place Replaceable (Composite)	Section 218 and 303-5.10, City of San Diego Supplement (Whitebook)	Access Tile Tactile Systems, 241 Main Street, Suite 100, Buffalo, New York, 14203	SDG-130, City of San Diego Standard Drawings	 AccessTile-ACC-R-3x 4
Metapanel (Stainless Steel)	Section 218 and 303-5.10, City of San Diego Supplement (Whitebook)	Metadome, LLC P.O. Box 7534 Madison, WI 53707	SDG-130, City of San Diego Standard Drawings	 3600CIPPNL 2436SS 2x3 (722) 400 100711
Metapanel (HSLA-Galvannealed)	Section 218 and 303-5.10, City of San Diego Supplement (Whitebook)	Metadome, LLC P.O. Box 7534 Madison, WI 53707	SDG-130, City of San Diego Standard Drawings	 MetaDome Galvanized Steel DW

Limitations: Products specified here are strictly limited to specific types and models submitted and tested by the City of San Diego. Other products not included in this AML and offered by the same manufacturers listed will not be accepted. Refer to manufacturer's technical specifications and physical properties in effect at the time of approval for complete requirements.

Procedures for Product Review Submittal: Applicants requesting other DWT products be included in the City's AML must comply with the following submittal, review, and approval process.

1. Do not submit materials or request without first contacting the Pedestrian Right-of-Way Accessibility Technical Committee (Committee):

Jorge Acevedo, Associate Civil Engineer
Engineering & Capital Projects Department
Construction & Engineering Support Division
CIP Access Law Compliance Support Section
Phone: (619) 533-6657
Email: acevedoj@sandiego.gov

2. The DWT shall comply with SDG-130 Detectable Warning Tile, City of San Diego Standard Drawings for Public Works Construction 2021 Edition (City Standards), and Sections 218 and 303-5.10, City of San Diego Standard Specifications for Public Works Construction 2021 Edition (The Whitebook).
3. The submittal shall be in 3 copies and shall contain manufacturer's product data for each specified product including:
 - a. Installer's Certification.
 - b. Installation Instructions.

- c. Cleaning and Protection Specification.
 - d. Maintenance Recommendations.
 - e. 2 tile samples, 18" x 18" minimum size of the actual product to be used. The color of the samples shall be yellow color no. 33538 of SAE AMS-STD-595a per SDG-130 of the latest City Standard.
 - f. Name and contact information of the manufacturer of the DWT.
 - g. Name and contact information of the local supplier(s) and vendor(s) of the DWT.
 - h. One (1) copy of the completed test report(s) from qualified independent testing laboratories to certify that materials proposed for use comply with the requirements and meet or exceed the properties indicated in Section 218.1 "Detectable Warning Tiles" of The Whitebook and manufacturer's published physical properties. All test reports shall be current within a 24-month period. The test report(s) must bear the name of the manufacturer, the product name and number, and date of test.
4. There is no guaranteed time frame for the completion of product review as much of the information on criteria such as long-term testing, service, and durability which may not be readily available.
 5. Field Test: It is required that one local installation of the product being submitted for review be installed on a curb ramp and left in place for a year for wearability and UV test. The installation must be in a high traffic location to be determined or approved by the Committee's representative. Any remote installation may be considered for review at the discretion of the Committee.
 6. If the product passes the review and field test, it will be presented to the Committee for approval. Once approved, it will then be added to the AML.
 7. Once a product is listed in the AML and prior to use, the City's Resident Engineer, Project Manager, or Senior Access Law Compliance Officer may request quality control testing information from the manufacturer and samples to be tested by the City for quality assurance in accordance with Section 4-1 of The Whitebook. Failure to meet the minimum specified physical property values shall be removed from the AML. Changes in the original submitted information e.g., place of manufacture, company ownership, material formulation, or physical dimensions will be the cause for the removal of the product from the AML. Removal from the AML will stay in effect until the AML committee is satisfied all AML listing requirements are met.
 8. Product warranties shall be kept and maintained by Street Division in Transportation Department.
 9. Per SDG-130, yellow color no. 33538 of SAE AMS-STD-595a is the required color for all DWT. Any deviation from the standard yellow color shall be submitted to the Committee for consideration and must be accompanied with a completed Deviation from Standards Form.

References:

1. The City of San Diego Standard Drawings for Public Works Construction, 2021 Edition
2. City of San Diego “Whitebook” Standard Specifications for Public Works Construction, 2021 Edition