



**CITY OF SAN DIEGO**

**APPROVED MATERIALS LIST  
FOR  
DETECTABLE WARNING TILES (DWT)**

**May 2026**

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**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.

<b>Type of Detectable Tactile Warning Tile</b>	<b>Vendor/Product Name</b>	<b>Website Information</b>	<b>Additional Requirements /Notes</b>
Cast In Place Detectable Warning (Vitrified Polymer Composite)	Armor-Tile Tactile Systems by Engineered Plastics Inc. 300 International Drive Suite 100 Williamsville, NY 14221	<a href="https://armor-tile.com/cast-in-place/">https://armor-tile.com/cast-in-place/</a>	
Cast In Place Detectable Warning (Reinforced Composite)	ADA by ADA Solutions P.O. Box 3 North Billerica, MA 01862	<a href="https://adatile.com/cast-in-place-paver/">https://adatile.com/cast-in-place-paver/</a>	
Replaceable Wet Set (Reinforced Composite)	ADA by ADA Solutions P.O. Box 3 North Billerica, MA 01862	<a href="https://adatile.com/cast-in-place-replaceable/">https://adatile.com/cast-in-place-replaceable/</a>	
Cast in Place Replaceable (Composite)	Access Tile Tactile Systems 241 Main Street, Suite 100 Buffalo, NY 14203	<a href="https://accesstile.com/replaceable-cast-in-place/">https://accesstile.com/replaceable-cast-in-place/</a>	
Cast in Place Replaceable (Composite)	Detectable Warning Systems, Inc. 3205 Randall Parkway, Suite 215 Wilmington, NC 28403	<a href="https://detectable-warning.com/products/alertcast/">https://detectable-warning.com/products/alertcast/</a>	
Cast in Place (Composite)	EqualTile 1025 Blanton St Titusville, FL 32796	<a href="https://equaltile.com/product/cast-in-place-paver/">https://equaltile.com/product/cast-in-place-paver/</a>	
Cast in Place Replaceable (Composite)	EqualTile 1025 Blanton St Titusville, FL 32796	<a href="https://equaltile.com/product/cast-in-place-replaceable/">https://equaltile.com/product/cast-in-place-replaceable/</a>	
Metapanel (Stainless Steel)	Metadome, LLC P.O. Box 7534 Madison, WI 53707	<a href="https://www.metadome.com/default.htm">https://www.metadome.com/default.htm</a>	
Metapanel (HSLA-Galvannealed)	Metadome, LLC P.O. Box 7534 Madison, WI 53707	<a href="https://www.metadome.com/default.htm">https://www.metadome.com/default.htm</a>	This product shall not be installed within coastal areas.

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Type of Detectable Tactile Warning Tile	Vendor/Product Name	Website Information	Additional Requirements /Notes
Cast in Place (Galvannealed 10 & 16 gauge)	TufTile, Inc. 905 Telser Rd. Lake Zurich, IL 60047	<a href="https://tuftile.com/galvanized-steel-detectable-warning-surface/">https://tuftile.com/galvanized-steel-detectable-warning-surface/</a>	This product shall not be installed within coastal areas.

**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 will not be accepted. Refer to manufacturer’s technical specifications and physical properties in effect at the time of approval for complete requirements.

All products listed are approved for use only on concrete surfaces, unless otherwise shown on the plans or authorized by the Engineer.

Certain materials are not authorized for use within the City of San Diego’s coastal areas. Coastal areas include the Communities of La Jolla, Pacific Beach, Mission Bay, Mission Beach, Ocean Beach, Peninsula, and Torrey Pines.

**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. Submit all materials or requests to the Transportation Department Approved Materials List (AML) Committee Chair:

Aida Vance, Senior Civil Engineer  
 Engineering, Asset Management, & Parking Division  
 Transportation Department  
 Email: [avance@sandiego.gov](mailto:avance@sandiego.gov)

2. The DWT material shall comply with SDG-130 Detectable Warning Tiles, City of San Diego Standard Drawings for Public Works Construction 2021 Edition (City Standards) and Updates Approved for Use, and Sections 220 and 303-5.10 of the City of San Diego Standard Specifications for Public Works Construction 2024 Edition (The Whitebook).
3. The application package shall include the “Submittal Requirements for City of San Diego Approvals for the Approved Materials List” form and all of the requirements outlined within.
4. The submittal shall be submitted via email and should include the following for each specified product:
  - a. Installer’s Certification
  - b. Installation Instructions
  - c. Cleaning and Protection Specification

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- d. Maintenance Recommendations
  - e. Two (2) tile samples, 18”x18” 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 local supplier(s) and vendor(s) of the DWT.
  - g. 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 reports must bear the name of the manufacturer, the product name and number, and date of test.
  - h. Contact list, if applicable, identifying other entities/agencies that have utilized the product.
5. 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 may not be readily available.
  6. 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 6 months 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.
  7. If the product passes the review and field test, it will be presented to the AML Committee for approval. Once approved, it will then be added to the AML.
  8. Once a product is listed in the AML and prior to use, the City’s Resident Engineer, and/or Project Manager 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 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.
  9. Product warranties shall be kept and maintained by Street Division in Transportation Department. (5-year manufacturer’s warranty: period of (5) years from the date of installation; include warranty language).
  10. 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.

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11. Incomplete submittals will not be considered and will be discarded after 30 days.
9. An authorization of product will expire in three years. Authorization of resubmittals should occur before the expiration date to remain on the Approved Materials List.
10. The City reserves the rights to sample and to remove a product from the Approved Material List at any time.