

# Pre-Approved Product Evaluation Request & Summary

Product Evaluation Coordinator  
Colorado Department of Transportation 4670 North Holly Street  
Denver, Colorado 80216

APL Reference No.

5776-25

Material Code

608.02.03.00

Material Code description full name

ADA Truncated Dome

## Part 1

Product Name:

Iron Dome SF Cast Iron Detectable Warning Surface Plates

Product category:

Pedestrian Safety / ADA Truncated Dome / Embedded

Product Representative / Distributer (name & address):

John Stieby

Manufacturer (name & address):

John Stieby

ADA Solutions, a Division of SureWerx USA Inc.  
149 South Cucumber Street  
Jefferson, Ohio 44047

ADA Solutions, a Division of SureWerx USA Inc.  
149 South Cucumber Street  
Jefferson, Ohio 44047

Phone: (910) 695-5462 E-mail [jstieby@surewerx.com](mailto:jstieby@surewerx.com)

Website address

[www.adatile.com](http://www.adatile.com)

Phone: (800) 372-0519 E-mail: [jstieby@surewerx.com](mailto:jstieby@surewerx.com)

Website address

[www.adatile.com](http://www.adatile.com)

**Description of the product:** (Include specific quantifiable details from the tech data sheet. Advertising generalities are not appropriate.)

Iron Dome SF units are cast iron Detectable Warning Surface plates are manufactured in the Unites States. They meet dimensional requirements for dome size and spacing as required by ADAAG and PROWAG. Panel sizes include 24"x12", 24"x24", and 24"x30". Tapered wedge plates can be used to create a wide range of radius installations. Available wedges include R15 (Radius 15'), R20 (Radius 20'), R25 (Radius 25'), and R30 (Radius 30'). Panels are cast into the wet concrete for permanent securement into the concrete bed. Units can be field cut to accommodate specific project requirements. Units are provide standard in a natural (bare) finish which develops a red patina with exposure to the environment. Painted plates are available Federal Yellow, Brick Red, Clay Red, and Black.

**Restrictions, (installation and/or use):**

Not for use with asphalt substrate

**Use of the product, and Benefit to CDOT (be specific to CDOT highway activities only):**

Iron Dome SF cast iron DWS plates by ADA Solutions provide a durable solutions to DWS installations that are exposed to snow remove equipment. The embedment method is proven to provide the most durable and longest lasting installations.

**Specifications: (listing those applicable is required.)**

- CDOT M-608-1
- AASHTO M333
- ASTM
- Other ADAAG, PROWAG
- Other

Certificate of Compliance

Certificate of Verification

**Product Testing:** (National/independent laboratories or universities with Report Date.) A certified Test Report (CTR) is provided to validate all claims.

- AASHTO PEAS (NTPEP)
- ASTM
- Other
- Other
- Other

State DOT Approvals:

Expiration Date 5 Year Cycle 03/01/2031

Sample Submitted  Yes  No  N/A

Safety Data Sheets (SDS):  Yes  No  N/A

Alternate Product Category

CDOT Restrictions as per CDOT Approving Authority

Detectable warning surfaces must contrast visually with adjacent walking surfaces, either light-on-dark or dark-on light. Install per manufacturer's recommendations. Place in compliance with CDOT M-608-1 and PROWAG Final Rule R305.

Evaluators Signature:

David L. Kosmiski  
Digitally signed by David L. Kosmiski  
Date: 2026.03.09 10:42:58 -06'00'