

COLORADO DEPARTMENT OF TRANSPORTATION
PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No.
4541-24 CDOT USE ONLY

Product Evaluation Coordinator Colorado Department of Transportation 4670 North Holly Street, Unit A Denver, Colorado 80216	Material Code 608.02.03.00	CDOT Use Only
	Material Code description full name ADA Truncated Dome	CDOT Use Only

PART 1

Product name: Iron Dome Cast Iron Detectable Warning Surface Plates	Product category: Pedestrian Safety / ADA Truncated Dome / Embedded
Product Representative (name & address): Attn: John Stieby ADA Solutions, a Division of SureWerx USA Inc. 149 South Cucumber Street Jefferson, Ohio 44047 Phone: (910) 695-5462 E-mail: jstieby@surewerx.com	Manufacturer (name & address): Attn: John Stieby ADA Solutions, a Division of SureWerx USA Inc. 149 South Cucumber Street Jefferson, Ohio 44047 Phone: (800) 372-0519 E-mail: jstieby@surewerx.com
Web-site address: www.adatale.com	Web-site address: www.adatale.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
 Iron Dome 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, (be specific to CDOT highway activities only):
Detectable warning surface for use at curb ramps, pedestrian islands, platform edges, and pedestrian rail crossings.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Iron Dome 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 : **Standard Plan M-608-1**
 - ASTM :
 - AASHTO: **M 333**
 - FHWA :
 - other : **ADAAG, PROWAG**

Certificate of Compliance (COC) provided Certificate of Verification (COV) provided for select categories ONLY

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

- NTPEP-AASHTO:
- FHWA :
- other :
- other :
- other :

State DOT Approvals, (current documentation required): **NC, FL, TX, CO, GA, OH** **Expiration Date** **5 Years** **07/12/2029**

Sample submitted: yes no n/a Safety Data Sheets (SDS): yes no n/a

Alternate Product Category:

CDOT Product RESTRICTIONS by CDOT Evaluator:
 Detectable warning surfaces must contrast visually with adjacent walking surfaces, either light-on-dark or dark-on-light. See CDOT Standard M-608-1 for placement requirements.

Evaluators Signature:
 David L. Kosmiski
Digitally signed by David L. Kosmiski
 Date: 2024.07.12 12:31:48 -06'00'