COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3342-11

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

Material code: 608.02.03.00

FOR INTERNAL CDOT USE

Material code description full name: ADA Truncated Dome

PART 1

Product name: MD MetaPanel® DW Embedment Tile (Cast-In-Place)

Product category: Pedestrian Safety\ADA Truncated Dome\N/A

Product representative (name & address):
Attn: Chris Henshue
Dynamis, LLC
601 Everglade Drive
Madison, WI 53717
Phone: (608) 575-8818 FAX: (608) 833-7030

Manufacturer (name & address):
Attn: Duane Sippola
Metadome, LLC
2136 E. Dayton Street
Madison, WI 53704
Phone: (608) 249-8644 FAX: (608) 249-8922

Web-site address: www.dynamisllc.com (Under construction)

Web-site address: www.metadome.com

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

MD MetaPanel® DW Embedment Tile (Cast-In-Place) detectable warning panels are manufactured out of corrosion resistant stainless steel. These panels have an average wet/dry slip resistant value of 1.0, quick installation (less than 1 minute for concrete applications) that does not displace concrete. Additionally our detectable warning panels have a self-securing anchor design, are powder coat painted, and stainless steel is a sustainable material in that it is 100% recyclable. Metadome panels carry a 10 year warranty. Our products are available in numerous colors and a variety of standard sizes. Our stainless steel panels are more resistant to snow plow damage then concrete or composite panel products as well. Lastly, our stainless steel detectable warning panels are currently the only product on the market that can easily be installed into fresh asphalt pavement.

Restrictions, (installation and/or use):

None.

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

Detectable warning for the visually impaired at curb ramps, transit platforms, building entrances and other hazardous areas per ADA requirements.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):

MD MetaPanel® DW Embedment Tile (Cast-In-Place) stainless steel detectable warning panels can save CDOT money because they cost the same as comparable products, however, they are more durable thus they do not require maintenance or replacement to remain compliant. Our experience with contractors has shown that they are a preferred product due to the ease of installation, thus saving the owner additional installation costs. Our products powder coat paint does not wear off or fade extending our products life well past those of comparable products which have shown excessive fading. All of these factors contribute to a longer life and improved visual appearance.

Specifications, (listing those applicable is required) **& Certificate of Compliance** (required to certify compliance with listed specifications):

- ☒ CDOT : Standard Specification 608, Standard Plan M-608-1
- ☒ ASTM : A240, C1028, B117, C610, D1654
- ☐ AASHTO :
- ☒ FHWA : NCHRP 04-33, NCHRP Task 177
- ☒ other : ADA Standard Section 4.29.2

Product testing, (from national/independent laboratories or universities) **& Certified Test Report** (CTR required to validate all claims):

- ☐ NTPEP-AASHTO :
- ☐ FHWA :
- ☒ other : Stainless Sales Corporation (6-29-2010)
- ☒ other : Hentzen Coatings, Inc. (1-11-07), ABIC Testing Laboratories, Inc. (February 6, 2007)

State DOT Approvals, (current documentation required):

Arizona, Mississippi, Montana, North Carolina, South Carolina, Tennessee, Texas, Vermont, Wyoming

Sample submitted: ☐ yes ☒ no ☐ n/a

Materials Safety Data Sheets (MSDS): ☐ yes ☐ no ☒ n/a

Notes/Additional Comments