COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3340-11

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: AlertTile

Product category: Pedestrian Safety\ADA Truncated Dome\Retrofit

Product representative (name & address):
Attn: Alex Munroe
Cape Fear Systems, III, LLC
215 South Water Street, Suite 103
Wilmington, NC 28401
Phone: (910) 762-7220 FAX: (910) 762-7115

Manufacturer (name & address):
Attn: Alex Munroe
Cape Fear Systems, III, LLC
215 South Water Street, Suite 103
Wilmington, NC 28401
Phone: (877) 232-6287 FAX: (910) 762-7115

Web-site address: www.AlertTile.com

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Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
AlertTile is an ADA detectable warning panels with truncated domes, surface applied. One-piece molded panels manufactured with highly-durable thermoset composites. Large panels available in 24" x 36", 24" x 48" and 24" x 60" sizes. Superior slip-resistance, wear resistance and long-term durability. Excellent freeze-thaw weatherability. Engineered to exceed the ADA 4.29 specifications for detectable warnings. Easily installs in retrofit applications. Lightweight material reduces shipping and handling costs and is 20% less-expensive than competing products of similar quality. ADA 4.29: 0.2" dome height; 0.9" dome base diameter; 0.45" top dome diameter; 2.35" center to center dome spacing.

Restrictions, (installation and/or use):
None

Use of the product, (be specific to CDOT highway activities only):
Truncated dome detectable warning panels for wheelchair ramps and hazardous vehicular areas for compliance with ADA 4.29.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
One-piece panels make installations easy and eliminate seams that can cause long-term maintenance problems. Panels attach to concrete with polyurethane adhesive and concrete expansion anchors. Highly durable thermoset composite material provides superior wear and abrasion resistance, excellent slip-resistance and freeze-thaw durability. Panels are lightweight and easy to work with in the field. Composite material offers excellent strength and lower costs.

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

- [x] CDOT : Standard Specification M-608-1
- [ ] ASTM :
- [ ] AASHTO :
- [ ] FHWA :
- [x] other : ADA 4.29

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

- [ ] NTPEP-AASHTO :
- [ ] FHWA :
- [x] other : Testing Engineers, Inc. (August 25, 2008) (October 6, 2010); Atlas Material Testing Solutions (July 8, 2008)
- [x] other : Harlan Associates, Inc. (October 6, 2008) (January 29, 2009) (March 26, 2009)

State DOT Approvals, (current documentation required):
Alabama, Florida, Idaho, Iowa, Oklahoma, Texas

Sample submitted: [x] yes [ ] no [ ] n/a

Materials Safety Data Sheets (MSDS): [x] yes [ ] no [ ] n/a

Notes/Additional Comments
Full-sized samples available upon request.