COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 4012-16

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

Material code: 713.14.01.00

Material code description full name: Traffic Control, Preformed Thermoplastic

FOR INTERNAL CDOT USE

PART 1

Product name: PreMark® ViziGrip, White

Product category: TC\PMM\Thermoplastic, Preformed, No Preheat

Product Representative (name & address):
Attn: Mark Lamar
Ennis-Flint
115 Todd Court
Thomasville, NC 27360
Phone: (800) 331-8118 E-mail: qpladmin@ennisflint.com
Web-site address: www.ennisflint.com

Manufacturer (name & address):
Attn: QPL Administration
Ennis-Flint
115 Todd Court
Thomasville, NC 27360
Phone: (800) 331-8118 E-mail: qpladmin@ennisflint.com
Web-site address: www.ennisflint.com

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

PreMark® ViziGrip, White is a durable, high skid resistant, retroreflective pavement marking material suitable for use as interstate shields, route shields, bike path, roadway, intersection, commercial or private pavement delineation and markings. The markings are a resilient white, preformed thermoplastic product, the surface of which contains glass beads and abrasives in an alternating "checkerboard" pattern. The markings must be resistant to the detrimental effects of motor fuels, lubricants, hydraulic fluids etc. Lines, legends and symbols are capable of being affixed to bituminous and/or Portland cement concrete pavements by the use of the normal heat of a propane torch. The material can be applied without minimum requirements for ambient and road temperatures and without any preheating of the pavement to a specific temperature. The material is manufactured with sufficient titanium dioxide pigment to meet FHWA Docket No. FHWA-99-6190 Table 5 and Table 6 as revised and corrected.

Restrictions, (installation and/or use):

Pavement must be clean and dry. Application on non-bituminous surfaces requires a compatible primer sealer.

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

Use as interstate shields, handicap markings, route shields, bike paths on roadways, intersections and airports; for use on asphalt & non-bituminous surfaces.

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

ViziGrip is a unique feature of PreMark designed to ensure that skid resistance & retroreflectivity are optimized, especially where loss of traction in wet conditions is a major concern. Durable retroreflective and skid resistant pavement marking that does not require specialized equipment for application. Material produced in an ISO 9001:2008 certified facility. The top surface of the material (same side as the factory applied surface beads) has regularly spaced indents that act as a visual cue during application that the material has reached a molten state so satisfactory adhesion and proper bead embedment has been achieved, and a post-application visual cue that the installation procedures have been followed.

Specifications: (listing those applicable is required)

- [x] CDOT : Standard Specification, Section 713.14
- [x] ASTM : E 303
- [x] AASHTO : M249, M247
- [x] FHWA : FHWA 99-6190 Color
- [ ] other :

- [x] 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 :
- [x] other : Future Labs, LLC (May 22, 2015)
- [ ] other :
- [ ] other :

State DOT Approvals, (current documentation required):

Re-submittal Cycle: 5 years

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

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

Alternate Product Category:

Additional Comments: