COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 4017-16

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

Material code: 713.14.01.00

FOR INTERNAL CDOT USE

Material code description full name: Traffic Control, Preformed Thermoplastic

PART 1

Product name: HotTape™, White

Product category: TC\PMM\Thermoplastic, Preformed, 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.)

HotTape™, White is a durable, retroreflective pavement marking material suitable for use as roadway, intersection, commercial or private pavement delineation and markings. Material designed to be adhered to asphalt concrete and portland cement concrete pavements by means of heat fusion. The applied markings are very durable: oil and grease impervious; and provide immediate and continuing retroreflectivity. The preformed retroreflective marking material consists of a resilient polymer alkyd thermoplastic with uniformly distributed glass beads throughout its entire cross section. Lines, legends and symbols may be applied to bituminous and/or portland cement concrete pavements by the use of the normal heat of a propane torch. Requires preheating of the pavement to a specified temperature (300°F) for application. White markings contain a minimum of 10% by weight of titanium dioxide pigment.

Restrictions, (installation and/or use):

Pavement should be clean, dry and preheated to a specified temperature (300°F) for application. HotTape should be applied in temperatures above freezing.

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

Primary use-intersection grade pavement marking: crosswalks: stop bars; turn arrows; pavement legends; use on asphalt or 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):

Durable retroreflective pavement marking that does not require specialized equipment for application.
Material produced in an ISO 9001:2008 certified facility.
Adhesives, primers, or sealers are not necessary prior to HotTape application on asphalt and portland cement concrete pavements.

Specifications: (listing those applicable is required)

- [x] CDOT : Standard Specification, Section 713.14
- [x] ASTM : E303
- [x] AASHTO : M249, M247
- [ ] FHWA :
- [ ] 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: