COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2442-05

Materials Laboratory
Colorado Department of Transportation
4201 East Arkansas Avenue
Denver, Colorado 80222

PART 1: Completed by Product Representative
PART 2: Completed by CDOT Product Evaluation Coordinator
PART 3: Completed by CDOT Expert Product Evaluator
PART 4: Completed by CDOT Materials Engineer

PART 1

Product name:
Director 35, Intersection Grade High Durability, White

Product category:
TC\PMM\Permanent, Preformed, Plastic Tape, Type III

Product representative (name & address):
Swarco {Mark Colombo}
5808 Hightower Drive
St. Louis, MO 63128
Phone: (314) 729-7197 FAX: (314) 729-7197

Manufacturer (name & address):
Swarco
270 Rutherford Lane
Columbia, TN 38401
Phone: (931) 388-5900 FAX: (931) 388-4039

Description of product, (be precise, include product differentiation between your products &/or competitor's products):
Director 35 is a cold plastic, pressure sensitive permanent preformed pavement marking tape that has retroreflective elements and skid resistant particles exposed in its surface and intermixed within its body. The product is designed for high wear, high shear applications such as cross walks, stop bar, legends,symbols and lane line applications. Application recommendations: Air & Surface Temperature 50°F and rising. Surface temp not to exceed 160°F. With an entrance angle of 86°, the specific luminance in millicandellas per square foot per foot-candle is 550 at a 0.2 observation angle, 400 at a 0.5 observation angle, and 300 at a 1.0 observation angle.

Usage of product, (be specific to CDOT highway activities only):
Pavement marking stopbars, legends, symbols, lane lines, crosswalks, school zones, RXR crossings, gore markings and longitudinal marking.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Long-term performance eliminates frequent repainting, easily installed with no specialized equipment. Higher anti-skid values provide safer pedestrian and traffic flows in adverse weather conditions. Easy installation allows for rapid application and immediate traffic flow without prolonged lane closure or coning. Long-term product durability eliminates continuous traffic disruptions. Provides competitive alternate to current sole source products.

Specifications, (identify specifically those applicable) **& Certificate of Compliance** (submittal required):

- ☑ CDOT : Standard Specifications 627, 713.13, Type III
- ☑ ASTM : D 4505-05 Type VI -Grade A, B, C, D
- ☐ AASHTO:
- ☐ FHWA :
- ☐ other :

Product testing, (national/independent laboratories) **& Certified Test Report** (submittal required):

- ☑ NTPEP-AASHTO: STR 94 - 068 White & STR 94-067 Yellow (1994)
- ☐ HITEC or FHWA :
- ☐ FHWA or other :
- ☑ other : Future Labs, LLC (5-09-2007); Material Science & Engineering Corp. (11/23/94)

State DOT Approvals, (current documentation required):
Iowa, Kansas, Nevada, New Mexico, North Dakota

Evaluation Procedure, (recommended):
ASTM D 4505 supprted by independent lab reports and above state APLs.

Sample submitted: ☑ yes ☐ no ☐ n/a | Materials Safety Data Sheets (MSDS): ☑ yes ☐ no ☐ n/a

Notes/Additional Comments

Manufacturer's Web-site address: www.swarco.com

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