COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 4043-16

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

Material code: 713.16.02.00

Material code description full name: Traffic Control, Pavement Paint Temporary

FOR INTERNAL CDOT USE

PART 1

Product name: 1160 Waterborne Acrylic Traffic Paint, White

Product category: Traffic Control\Pavement Marking Material\Temp/Const, Paint

Product Representative (name & address):
Attn: Marilou Bruce
Swarco / Colorado Paint Company
4747 Holly Street
Denver, CO 80216
Phone: (303) 388-9265 E-mail: marilou.bruce@swarco.com
Web-site address: www.swarco.com/americas/Products/Traffic Paint

Manufacturer (name & address):
Attn: Marilou Bruce
Swarco / Colorado Paint Company
4747 Holly Street
Denver, CO 80216
Phone: (303) 388-9265 E-mail: marilou.bruce@swarco.com
Web-site address: www.swarco.com/americas/Products/Traffic Paint

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

1160 Series is a 100% acrylic waterborne traffic paint formulated to deliver extraordinary performance. It is extremely fast drying over a broad range of application conditions and has excellent durability.

Pigment, % by weight: >60
Total Solids, % by weight: >77
Non-volatile vehicle, % by weight: >43
Weight per gallon: 13.7 - 14.3
Viscosity @ 77°F: 80 - 95KU
Contrast ratio @ 5 mils wft: >0.95
Directional Reflectance, 5 mils wft: >88
No pick-up Time: <10 minutes

Restrictions, (installation and/or use):
Do not apply when the temperature is below 50°F.

Use of the product, (be specific to CDOT highway activities only):
For striping long line traffic markings on roads and highways, or other traffic surfaces including parking lots, driveways, sidewalks and runways.

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

* Superior durability
* Excellent hiding and reflectance.
* Fast drying under a wide range of temperature.

Specifications: (listing those applicable is required)

- [x] CDOT : Standard Specifications, Section 708.05
- [ ] ASTM :
- [ ] AASHTO :
- [ ] FHWA :
- [x] other : Federal Specification TT-P-1952F Type II

- [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 (June 9, 2016)
- [ ] other :
- [ ] other :

State DOT Approvals, (current documentation required): ID, IA, MO, MT, NV, WA

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:

Product have been successfully installed in various cities and counties of Colorado.