COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3463-12

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

Material code:
702.06.01.00 || 705.09.01.00

ORIGINAL CDOT USE

Material code description full name:
Sealant, Hot Poured Type II || Hot Applied, Elastomeric Membrane

PART 1

Product name:
DEERY 102 (Batch #17005)

Product category:
Sealant\Hot Poured, Joint/Crack\D 6690 Type II [>>] Waterproofing

Product representative (name & address):
Attn: Wally Smith
CRAFCO, INC.
420 N. Roosevelt Ave.
Chandler, AZ 85226
Phone: (970) 260-2596 FAX: (480) 718-7850
Web-site address:
www.crafco.com

Manufacturer (name & address):
Attn: Patricia J. Thiel
CRAFCO, INC.
325 County Road 128A
Cheyenne, WY 82007
Phone: (307) 778-8610 FAX: (307) 778-7098
Web-site address:
www.deeryamerican.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
DEERY 102 (Batch #17005) is a single component, hot-applied crack sealant. It exceeds the requirements of ASTM D 6690, Type II. Ingredients include a mixture of virgin synthetic rubber, reclaimed rubber, or a combination of the two along with other modifiers blended to meet the specification. Reclaimed materials are utilized except when prohibited by the specifying agency or if use would adversely affect product quality or compliance with specifications. The user should confirm compatibility with surface treatments by field testing prior to application. Specification requires sealant to be heated in a melter utilizing oil as the heat transfer medium. The melter should provide constant agitation and have a calibrated thermometer installed. Recommended Application Temperature is 380° F. Safe Heating Temperature is 400° F.

Restrictions, (installation and/or use):
Pavement temperature minimum is 40°F.

Use of the product, (be specific to CDOT highway activities only):
Typically used on roads or streets as a crack/joint sealant & as a waterproofing membrane on bridge decks.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
DEERY 102 can be applied immediately after reaching application temperature. It has a fast set-up time of 30 minutes or less. DEERY 102 bonds well to the applied crack or joint and can sustain the extreme freeze-thaw cycles encountered in Colorado. Its free-flowing properties allow the user to apply this material with hand-held pour pots, wheeled banders, or pressure-feed applicators.

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

- ☐ CDOT :
- ☒ ASTM : D 6690, Type II
- ☒ AASHTO : M 324, Type II
- ☐ FHWA :
- ☐ other :

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

- ☐ NTPEP-AASHTO :
- ☐ FHWA :
- ☒ other : Western Technologies, Inc. (03-14-2012)
- ☐ other :

State DOT Approvals, (current documentation required):

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

Notes/Additional Comments
Equivalent Product Category: [>>] Waterproofing\Elastomeric Membrane\Single Component, Hot Applied