COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2596-04

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: DEERY 102 (Batch 7314)

Product category: Sealant\Hot Poured, Joint/Crack

Product representative (name & address):
Deery American Corporation {Larry Fagerlund}
1928 43rd Ave.
Greeley, CO 80634
Phone: (970) 330-1512 FAX: (970) 330-1682

Manufacturer (name & address):
Crackfiller Manufacturing Corporation {Mark Langer}
325 County Road 128A
Cheyenne, WY 82007
Phone: (307) 778-8610 FAX: (307) 778-8624

Description of product, (be precise, include product differentiation between your products &/or competitor's products):
Single component, hot-applied crack sealant. Exceeds the requirements of ASTM D 3405. 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 compaitiblity 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.

Usage of product, (be specific to CDOT highway activities only):
Typically used on roads or streets.

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

- ☐ CDOT :
- ■ ASTM : D 3405
- ■ AASHTO: M 301
- ☐ FHWA :
- ☐ other :

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

- ☐ NTPEP-AASHTO:
- ☐ HITEC or FHWA :
- ☐ FHWA or other :
- ■ other : Western Technologies, Inc., Phoenix, AZ

State DOT Approvals, (current documentation required):
Colorado, Ohio, Texas, and Utah.

Evaluation Procedure, (recommended):
Conduct laboratory tests in accordance with ASTM D 3405* and heat representative sample to 400°F maximum within one hour.

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

Notes/Additional Comments
*ASTM D 3405 (D 6690) Standard requires sample preparation using ASTM D 5167. Conduct tests using ASTM D 5329.

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

Submit >