COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2524-03

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: CMC 102 (Batch #6681)

Product category: Bridge Deck Waterproofing\Single Component, Hot Applied, Elasto

Product representative (name & address):
Deery American Corporation {Larry Fagerlund}
PO Box 4099
Grand Junction CO 81502
Phone: (970) 858-3678 FAX: (970) 858-3679

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 elastomeric membrane. Exceeds the requirements of ASTM D 3405. Ingredients include: 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 utlilized 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 bridge deck waterproofing 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 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):
CMC 102 can be applied immediately after reaching application temperature. It has a fast set-up time of 30 minutes or less. CMC 102 bonds well to the bridge deck 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 : ASTM D 3405
- ■ AASHTO: 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. Phoeniz, AZ

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

Evaluation Procedure, (recommended):
Conduct laboratory test 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

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

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