COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2713-05

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: US SPEC EPM 3000 NS

Product category: Concrete\Repair/Patching\Rapid Set, Horizontal

Product representative (name & address):
US SPEC {Brad Jacobsen}
112 South Santa Fe Drive
Denver, Colorado 80223
Phone: (303) 778-7227 FAX: (303) 722-8426

Manufacturer (name & address):
US Mix
112 South Santa Fe Drive
Denver, Colorado 80223
Phone: (303) 778-7227 FAX: (303) 722-8426

Description of product, (be precise, include product differentiation between your products &/or competitor's products):
EPM 3000 NS is a three-component, 100% solids, high strength, non-shrink epoxy patching mortar (EPM). The three components consist of a high quality epoxy resin, curing agent and an engineered blend of graded aggregates. EPM 3000 NS is a low modulus material that has high bond and compressive strengths while providing increased chemical resistance over concrete. While providing superior patching, EPM 3000 NS also possesses similar characteristics to the concrete substrate. ASTM C 579 Compressive Strength is 1599 psi @ 3 hours, 6100 psi @ 24 hours, and 7750 psi @ 7 days.

Usage of product, (be specific to CDOT highway activities only):
Repairs of concrete pavement, bridge and construction joints, and structural columns or beams.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Because EPM 3000 is manufactured in Denver, it is consistently available at economically advantageous pricing.

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

- ☐ CDOT :
- ■ ASTM : C 579
- ☐ AASHTO:
- ☐ FHWA :
- ☐ other :

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

- ☐ NTPEP-AASHTO:
- ☐ HITEC or FHWA :
- ☐ FHWA or other :
- ☐ other :

State DOT Approvals, (current documentation required):

Evaluation Procedure, (recommended):

Sample submitted: ☐ yes ■ no ☐ n/a

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

Notes/Additional Comments

Product testing is from the manufacturer which is Unitex for their Pro-Poxy 2500.

Manufacturer's Web-site address: http://www.usspec.com

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