COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2313-03

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: US SPEC Gelbond NS Fast

Product category: Adhesive\Anchoring\Epoxy

Product representative (name & address):
US SPEC {Joel Levenberg}
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):
US SPEC Gelbond NS Fast is a 2 component, solvent-free, moisture insensitive, ICBO approved, structural injection epoxy. Substrate and ambient air temperatures should be between 40° and 120° F. This product has a geltime of 7 minutes (ASTM C 881, Subsection 5.2), and reaches 2 day bond strengths of 2934 psi (ASTM C 882). Concrete should have a minimum cure time of 28 days prior to application. This product is ICBO approved for wet applications.

Usage of product, (be specific to CDOT highway activities only):
Not limited to grouting of smooth dowels, anchors, rebar, bolts and metal anchors in horizontal, vertical or overhead applications.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
US SPEC Gelbond NS achieves rapid, high strengths. US SPEC is based in Denver, which will allow for any of our product representatives to be available on jobsites without delay.

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

- ☐ CDOT :
- ■ ASTM : ASTM C 881, Types I, IV, Grade 3, Classes B and C, Epoxy Resin Adhesives.
- ☐ AASHTO:
- ☐ FHWA :
- ☐ other :

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

- ☐ NTPEP-AASHTO:
- ☐ HITEC or FHWA :
- ☐ FHWA or other :
- ■ other : ICBO Evaluation Services, Inc. (ER-5000); PSI (02/03/2003); CMT (05/09/2003)

State DOT Approvals, (current documentation required):
New Mexico

Evaluation Procedure, (recommended):

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

Notes/Additional Comments

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

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