COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2449-11

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

Material code: 712.10.02.00

FOR INTERNAL CDOT USE

Material code description full name: Adhesive, Concrete Anchoring Agent

PART 1

Product name: Ultrabond 2300

Product category: Adhesive\Anchoring, Lateral\Epoxy

Product representative (name & address):
Attn: Krista Kingsbury
Adhesives Technology Corporation
450 East Copans Road
Pompano Beach, FL 33064
Phone: (954) 782-2221 FAX: (954) 782-2499

Manufacturer (name & address):
Attn: Krista Kingsbury
Adhesives Technology Corporation
450 East Copans Road
Pompano Beach, FL 33064
Phone: (954) 782-2221 FAX: (954) 782-2499

Web-site address: www.atc.ws

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Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)

Ultrabond 2300 is a two component, 1:1 ratio epoxy adhesive. It is 100% solids, high modulus, moisture insensitive non-sag system.

Compressive yield strength at 7 days @ 65°F is 10,900 psi; compressive modulus at 7 days @ 65°F is 212,400 psi; bond strength at 2 days @ 75°F is 1,280 psi; bond strength at 14 days @ 75°F is 1,910 psi; high heat deflection temperature of 131°F. At 75° the working time is 40 minutes and the bolt-up (or load) time is 10 hours.

Restrictions, (installation and/or use):

Temperature Range is 60°F - 110°F.

Use of the product, (be specific to CDOT highway activities only):

Acceptable uses include rebar dowel and anchor installations applications where dynamic, vibratory or intermittent loads exist.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):

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

- ☐ CDOT :
- ☒ ASTM : C 881 Type I, II, IV & V, Grade 3, Class C
- ☐ AASHTO :
- ☐ FHWA :
- ☐ other :

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

- ☐ NTPEP-AASHTO :
- ☐ FHWA :
- ☒ other : TEC Services (April 21, 2011)
- ☐ 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