COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3549-12

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 RT66

Product category: Adhesive\Anchoring, Lateral\Polyester

Product representative (name & address):
Attn: Krista Kingsbury
Adhesives Technology Corp.
450 East Copans Road
Pompano Beach, FL 33064
Phone: (800) 892-1880 FAX: (954) 782-2776

Manufacturer (name & address):
Attn: Krista Kingsbury
Adhesives Technology Corp.
450 East Copans Road
Pompano Beach, FL 33064
Phone: (800) 892-1880 FAX: (954) 782-2776

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 RT66 doweling adhesive is a two component, 10:1 ratio polyester blend adhesive. It is a solvent free, high modulus, high strength non-sag system. Compressive Yield Strength at 75°F at 14 days is 10,520 psi; compressive modulus at 75°F at 7 days is 201,120 psi; tensile strength at 75°F at 7 days is 7,280 psi; bond strength at 2 days at 75°F is 1,205 psi; bond strength at 14 days at 75°F is 1,750 psi; high heat deflection temperature of 138°F. At 75° the working time is 7 minutes and the cure time is 60 minutes.

Restrictions, (installation and/or use):

Temperature Range is 25°F - 120°F

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

Acceptable uses include rebar dowel 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):

High strength, non-sag, very fast cure time, moisture insensitive, low VOC content.

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 A, B & 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 (5-03-2011)
- ☐ other :

State DOT Approvals, (current documentation required):

AR, IL, IN, ME

Sample submitted: ☐ yes ☒ no ☐ n/a

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

Notes/Additional Comments