COLORADO DEPARTMENT OF TRANSPORTATION

# PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2315-11

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

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|---|---|
| Product name: Ultrabond SpeedSet2 | Product category: Adhesives\Anchoring, Lateral\Polyester |
| Product representative (name & address):<br>Attn: Krista Kingsbury<br>Adhesives Technology Corporation<br>450 East Copans Road<br>Pompano Beach, FL 33064<br>Phone: (954) 782-2221 FAX: (954) 782-2499 | Manufacturer (name & address):<br>Attn: Krista Kingsbury<br>Adhesives Technology Corporation<br>450 East Copans Road<br>Pompano Beach, FL 33064<br>Phone: (954) 782-2221 FAX: (954) 782-2499 |
| Web-site address: www.atc.ws | Web-site address: www.atc.ws |

**Description of the product:** (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
Ultrabond SpeedSet2 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):

**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 (May 3, 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