COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2431-02

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: Resi-Bond FS (J-58 FS)

Product category: Adhesive\Bonding\Epoxy

Product representative (name & address):
Dayton Superior {Todd Fraker or Robert Wendell}
4950 Olive Street
Commerce City, CO 80022
Phone: (303) 289-4808 FAX: (303) 289-3451

Manufacturer (name & address):
Dayton Superior Specialty Chemical Corporation
4226 Kansas Avenue
Kansas City, KS 66106
Phone: (913) 279-4800 FAX: (913) 371-3330

Description of product, (be precise, include product differentiation between your products &/or competitor's products):
Resi-Bond FS is a fast set, 100% solids, two component, medium viscosity, flowable, high modulus, moisture tolerant, structural bonding adhesive. Surface, air, and material temperature must be 40°F or above. Compressive yield strength 18,230 psi in 7 days. Concrete bond strength 1930 psi at 2 days and 2640 psi at 14 days.

Usage of product, (be specific to CDOT highway activities only):
Bonding fresh concrete to hardened concrete and for bonding steel to concrete. As a structural bonder for most construction materials.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Very fast set for low down-time and cool weather/substrate applications. Gel time is 5 minutes at 73°F.

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

- [x] CDOT : Standard Specifications 712.10-99
- [x] ASTM : C 881, Type I, II, IV, V, Grade 2, Classes B & C
- [ ] AASHTO:
- [ ] FHWA :
- [ ] other :

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

- [ ] NTPEP-AASHTO:
- [ ] HITEC or FHWA :
- [ ] FHWA or other :
- [x] other : Universal Construction Testing (#2493-B7)

State DOT Approvals, (current documentation required):

Evaluation Procedure, (recommended):
Test per ASTM C 881

Sample submitted: [ ] yes [x] no [ ] n/a

Materials Safety Data Sheets (MSDS): [x] yes [ ] no [ ] n/a

Notes/Additional Comments
Samples available upon request.

Manufacturer's Web-site address: www.daytonsuperiorchemical.com

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