COLORADO DEPARTMENT OF TRANSPORTATION

# PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2275-11

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

Material code: 712.10.01.00

FOR INTERNAL CDOT USE

Material code description full name: Adhesive, Concrete Bonding Agent

## PART 1

Product name: Resi-Bond (J-58)

Product category: Adhesive\Bonding\Epoxy

Product representative (name & address):
Attn: Todd Fraker - Senior Regional Manager
Dayton Superior
4950 Olive Street
Commerce City, CO 80022
Phone: (303) 289-4808 FAX: (303) 289-3451

Manufacturer (name & address):
Attn: John Hukey
Dayton Superior
4226 Kansas Avenue
Kansas City, KS 66106
Phone: (913) 279-0264 FAX: (913) 371-3330

Web-site address: www.DaytonSuperior.com

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**Description of the product:** (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
Resi-Bond J-58 is a 2-component, 100% solids, high modulus (444,200psi), medium viscosity (6500cps), moisture tolerant structural epoxy adhesive that meets the requirements of ASTM C-881, Types I,II, IV, V, Grade 2, Classes B&C. It has a high bond strength of 3100psi at 14days when tested according to ASTM C-882.

**Restrictions,** (installation and/or use):
Do not thin.

**Use of the product**, (be specific to CDOT highway activities only):
For bonding fresh concrete to hardened concrete or steel to concrete.

**Benefits to CDOT**, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
It is a high strength structural adhesive that is used for as a bonding agent. Widely distributed throughout the state and very cost competitive.

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

- [x] CDOT : 712.10
- [x] ASTM : C-881
- [x] AASHTO : M-235
- [ ] FHWA :
- [ ] other :

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

- [ ] NTPEP-AASHTO :
- [ ] FHWA :
- [x] other : SOR Testing Laboratories, Inc. (9-12-2011)
- [ ] other :

**State DOT Approvals**, (current documentation required):

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

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

Notes/Additional Comments
State DOT Approvals referenced but without the documentation provided: UT, PA, VT, LA, TN, KS
Has been in continuous use in Colorado for 10+ years with no known failure.