COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2430-11

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: Sure-Inject (J-56)

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.)
Sure-Inject is 100% solids, moisture insensitive, low viscosity, structural adhesive. It reaches a bond strength of 2380 psi in 2 days and 4233 psi in 14 days when tested according to ASTM C-882. Gel time 30 minutes at 73°F. It meets ASTM C-881, Types I,II, IV, V Grade 1, Classes B&C and AASHTO M-235 for bonding new to new and new to old concrete.

Restrictions, (installation and/or use):
Surface, ambient air, and material temperature must be 40°F or above. Not for use with cracks over ¼" wide.

Use of the product, (be specific to CDOT highway activities only):
For pressure injection or gravity feed of cracks in concrete. For bonding new to new and new to old concrete.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
This product is primarily used to structurally rebond/repair cracked concrete to restore the structure to its original design strength. It is widely distributed throughout Colorado and is a cost effective repair solution vs. the alternative of tear out and replace.

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: KY, NH, PA, GA, LA, TN.
Has been in continuous use in Colorado for 10+ years with no known failure.