COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2188-02

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: Five Star® Vertical Patch

Product category: Concrete\Repair/Patching\Rapid Set, Vertical & Overhead

Product representative (name & address):
Five Star Products, Inc. {Walter Siff}
425 Stillson Road
Fairfield, CT 06430-3148
Phone: (203) 336-7900 FAX: (203) 336-7930

Manufacturer (name & address):
Five Star Products, Inc.
425 Stillson Road
Fairfield, CT 06430-3148
Phone: (203) 336-7900 FAX: (203) 336-7930

Description of product, (be precise, include product differentiation between your products &/or competitor's products):
Five Star Vertical Patch is a one component, fast setting, easy to use, enhanced hydraulic cement mortar used for repair of vertical and overhead concrete surfaces without formwork. Typical compressive strength at 73° F is 2000 psi @ 3 hours, 3000 psi @ 1 day, and 6000 psi @ 28 days. Temperature of surfaces must be between 45° F and 90° F at time of placement.

Usage of product, (be specific to CDOT highway activities only):
Repair of concrete walls, ceilings and other concrete infrastructures

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Can be troweled vertically or overhead, long working time, one product for thin or thick applications, freeze- thaw resistance, one component / ease of use.

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

- ☐ CDOT :
- ■ ASTM : C 109, C 882, C 157, C 266, C 666A, C 1202
- ☐ AASHTO:
- ☐ FHWA :
- ☐ other :

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

- ☐ NTPEP-AASHTO:
- ☐ HITEC or FHWA :
- ☐ FHWA or other :
- ■ other : Construction Products Research, Inc.

State DOT Approvals, (current documentation required):
Illinois, Maine, Virginia

Evaluation Procedure, (recommended):
Laboratory testing to verify product's physical properties and field testing to evaluate placeability and performance under actual conditions.

Sample submitted: ■ yes ☐ no ☐ n/a | Materials Safety Data Sheets (MSDS): ■ yes ☐ no ☐ n/a

Notes/Additional Comments

Manufacturer's Web-site address: fivestarproducts.com

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