COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2647-04

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: Quikrete Commercial Grade FastSet-DOT Mix (#1241-50)

Product category: Concrete\Repair/Patching\Rapid Set, Horizontal

Product representative (name & address):
The Quikrete Companies {Mike Keown}
2660 West 64th Avenue
Denver, CO 80221
Phone: (303) 429-2111 FAX: (303) 428-9265

Manufacturer (name & address):
The Quikrete Companies
3490 Piedmont Rd., NE Suite 1300
Atlanta, Ga 30305
Phone: (404) 634-9100 FAX: (404) 842-1424

Description of product, (be precise, include product differentiation between your products &/or competitor's products):
Quikrete Commercial Grade (CG) FastSet-DOT Mix is a rapid setting repair material specifically designed to meet ASTM C 928 Category R3 specifications for a high-performance repair material.
Quikrete CG FastSet-DOT Mix when tested in accordance with ASTM procedures provides the following results:
Setting Time (ASTM C 191): 20-45 minutes
Compressive Strength (ASTM C 39): 1.5 hours 3,000 psi; 3 hours 4,500 psi; 1 day 6,500 psi; 28 days 10,000 psi
Slant Shear Bond Strength (ASTM C 928): 1 day 1,200 psi; 7 days 1,600 psi

Usage of product, (be specific to CDOT highway activities only):
Quikrete CG FastSet-DOT Mix may be used as a patching material for commercial applications at a thickness of .5"-2" without gravel extension. It may also be extended with gravel and used as a repair material for roads at a minimum thickness of 2".

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Quikrete CG FastSet-DOT Mix has been developed specifically for highway patching. The instructions are specific for DOT use and has been formulated to resist Freeze-Thaw conditions. Quikrete CG FastSet-DOT Mix may be used as a repair material on roads and bridges. Quikrete CG FastSet-DOT Mix provides fast setting characteristics that allows traffic to resume one hour after set (generally within 20-45 minutes).

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

- ☐ CDOT :
- ■ ASTM : C 928
- ☐ AASHTO:
- ☐ FHWA :
- ☐ other :

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

- ☐ NTPEP-AASHTO:
- ☐ HITEC or FHWA :
- ☐ FHWA or other :
- ■ other : Law Engineering & Environmental

State DOT Approvals, (current documentation required):
Pennsylvania

Evaluation Procedure, (recommended):
Performance has been verified trough independent testing.

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

Notes/Additional Comments

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

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