

**COLORADO DEPARTMENT OF TRANSPORTATION
PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY**

APL Reference No.

3500

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

Material code:
601.09.01.00
Material code description full name:
Concrete, Patching Material

PART 1

Product name: Quickset	Product category: Concrete/Repair/Patching/Rapid Set, Vertical & Overhead
Product Representative (name & address): Attn: Andrew Beaty US SPEC 112 South Santa Fe Drive Denver, CO 80223 Phone: (303) 778-7227 E-mail: abeaty@usmix.com	Manufacturer (name & address): Attn: Andrew Beaty US Mix Co. 112 South Santa Fe Drive Denver, CO 80223 Phone: (303) 778-7227 E-mail: abeaty@usmix.com
Web-site address: www.usspec.com	Web-site address: www.usmix.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
Quickset is a rapid setting, rapid hardening concrete patching material designed for horizontal, vertical and overhead applications. Quickset is a blend of portland cement, selected aggregates and proprietary admixtures. Quickset has been specifically formulated to provide excellent workability while demonstrating similar physical characteristics to the concrete substrate. Quickset achieves a compressive strength of 3,000 psi in 3 hours, 4,000 psi in 1 day, 5,000 psi in 7 days and 6,000 psi in 28 days. The bond strength of Quickset is 1,500 psi in 1 day and 2,500 psi in 7 days.

Restrictions, (installation and/or use):
Do not apply when the surface or ambient temperature is below 40 F or expected to fall below 40 F within 48 hours.

Use of the product, (be specific to CDOT highway activities only):
Ideal for a wide variety of concrete surface repairs including precast concrete products, tilt-up panels, curbs, steps, columns and sidewalks.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value than other manufacturer's products):
Quickset is manufactured in Denver, CO within strict quality standards. Withstands freeze/thaw cycles. Versatile for horizontal, vertical and overhead repairs. Technical field support is readily available 24-hours a day 7-days a week upon request.

Specifications: (listing those applicable is required)

- CDOT :
- ASTM : **C928 R2**
- AASHTO:
- FHWA :
- other :

Certificate of Compliance (COC) provided Certificate of Verification (COV) provided for select categories ONLY

Product Testing: (National/independent laboratories or universities with Report Date.) **Certified Test Report (CTR)** provided to validate all claims.

- NTPEP-AASHTO:
- FHWA :
- other : **Nelson Testing Laboratories (September 12, 2016)**
- other :
- other :

State DOT Approvals, (current documentation required): Expiration Date **12/01/2025**

Sample submitted: yes no n/a Safety Data Sheets (SDS): yes no n/a

Alternate Product Category:
Additional Comments: