COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3271-11

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

Material code: 601.02.14.00

FOR INTERNAL CDOT USE

Material code description full name: Concrete, Grout

PART 1

Product name: 'Edoco' Multi-Purpose Grout

Product category: Concrete\Grout\General Purpose [Non-Shrink]

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,
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.)
'Edoco' Multi-Purpose Grout is a ready to use, high strength, non-shrink when tested according to ASTM C-827, non-corrosive, non-metallic precision grout that rapidly gains initial strength of 2500 psi in flowable condition. It is an ideal product for transferring load from one structural concrete member to another like columns, keyways, precast members, bearing pads, etc. Its key advantage is that is can be used in fluid, flowable, and dry pack condition just by varying the water added. It achieves 10,000 psi at 28 days when dry packed and tested according to ASTM C-1107.

Restrictions, (installation and/or use):
Maintain the temperature of the grout and the contain area at 45°F to 90°F for a minimum of 24 hours.

Use of the product, (be specific to CDOT highway activities only):
Structural load transfer for girders, bearing seats, cable anchorages, etc.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
This is a very cost competitive general purpose grout. It is stocked at multiple dealer locations throughout the state. Because it has such high compressive strength, it can be confidently used in all bridge and highway construction.

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

- [x] CDOT :
- [x] ASTM : C-1107
- [ ] AASHTO :
- [ ] FHWA :
- [x] other : Army Corps of Engineers CRD C-621

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

- [ ] NTPEP-AASHTO :
- [ ] FHWA :
- [ ] other :
- [x] other : Nelson Testing Laboratories (Flowable & Fluid)(October 27, 2010)

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
This product is also marketed as Dayton Superior's 1107 Advantage Grout.