COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2937-11

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

Material code: 709.04.02.00

FOR INTERNAL CDOT USE

Material code description full name: Concrete, Reinforcing Fiber, Plastic

PART 1

Product name: Fibermesh 300

Product category: Concrete\Fiber\Micro Fiber

Product representative (name & address):
Attn: Darren Diederich
Propex Concrete Solutions
16492 Essex Rd. South
Platteville, CO 80651
Phone: (970) 785-6112 FAX: (423) 553-3042

Manufacturer (name & address):
Attn:
Propex Operating Company, LLC.
4019 Industry Drive
Chattanooga, TN 37416
Phone: (423) 892-8080 FAX: (423) 485-8136

Web-site address: www.fibermesh.com

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Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
Fibermesh 300, formally named InForce e3, micro-reinforcement system for concrete - 100% virgin homopolymer polypropylene fibrillated fibers with e3 patented technology containing no reprocessed olefin materials. Specifically engineered and manufactured in an ISO 9001:2000 certified facility to an optimum gradation for use as concrete secondary reinforcement at a minimal rate of 0.1% by volume (1.5 lb per cubic yard, 0.90 kg per cubic meter). Underwriters Laboratories (UL Classified). Complies with National Building Codes and ASTM C 1116, Subsection 4.1.3 (Type III).

Restrictions, (installation and/or use):

Use of the product, (be specific to CDOT highway activities only):
Applicable to all types of concrete which demonstrate a need for toughness, resistance to intrinsic cracking and improved water tightness.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Improved residual strength, reduces plastic shrinkage and settlement cracking, alternative system to traditional reinforcement when used for secondary (crack control) reinforcing in concrete, improves durability, reinforces against water migration, abrasion, impact forces, and inhibits and controls the formation of intrinsic cracking in concrete.

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

- ☐ CDOT :
- ☒ ASTM : C 1116, Subsection 4.1.3 (Type III)
- ☐ AASHTO :
- ☐ FHWA :
- ☒ other : UL Classified, ICC Approval, ISO

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

- ☐ NTPEP-AASHTO :
- ☐ FHWA :
- ☐ other :
- ☒ other : ICC Evaluation Services, Inc. (8-01-2006)

State DOT Approvals, (current documentation required):

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

Notes/Additional Comments