COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2457-03

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: Mega Fiber I

Product category: Concrete\Fibers

Product representative (name & address):
Nexcel Synthetics {Tom Miller}
6076 Southern Industrial Drive
Birmingham, AL 35235
Phone: (205) 655-8817 FAX: (205) 655-3760

Manufacturer (name & address):
Nexcel Synthetics
6076 Southern Industrial Drive
Birmingham, AL 35235
Phone: (205) 655-8817 FAX: (205) 655-3760

Description of product, (be precise, include product differentiation between your products &/or competitor's products):
Polypropylene Concrete Fiber
Marketed under the name of Mega Fiber I
Lengths (inches) 1/4, 1/2, 3/4, 1-1/2, 2" and multi-cut
Alkali & Acid (Salt) resistance high
Specific gravity 0.9
Recommended dosage rate 0.9 (1.5 lbs/yd3)

Usage of product, (be specific to CDOT highway activities only):
Concrete & bridge walls, highway barrier walls.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Your best choice for the best secondary reinforcement system for concrete. Its many years of success throughout the world provide you with the best system to fight plastic settlement forces, improve abrasion resistance, optimize post crack residual strength (ASTM C-1399-98), and improve overall performance throughout the concrete.

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

- ☐ CDOT :
- ■ ASTM : C116, C1018, C39, C78
- ☐ AASHTO:
- ☐ FHWA :
- ☐ other :

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

- ☐ NTPEP-AASHTO:
- ☐ HITEC or FHWA :
- ☐ FHWA or other :
- ■ other : Qore Property Sciences

State DOT Approvals, (current documentation required):

Evaluation Procedure, (recommended):

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

Notes/Additional Comments
Sample of 3/4" fibrillated fibers submitted. Mega Fiber I are not intended to be used as structural reinforcement for concrete.

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

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