COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2893-10

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

Material code: 216.02.03.00

FOR INTERNAL CDOT USE

Material code description full name: Turf Reinforcement Mat

PART 1

Product name: Excel PP5-12

Product category: Envir., Erosion Control\Soil Retention Covering\ TRM [Class 3]

Product representative (name & address):
Attn: Chad Lipscomb
Western Excelsior
PO Box 270308
Fort Collins, CO 80527
Phone: (970) 631-8366 FAX: (303) 845-8649
Web-site address: www.westernexcelsior.com [chad@westernexclesior.com]

Manufacturer (name & address):
Attn:
Western Excelsior
901 Grand Ave.
Mancos, CO 81328
Phone: (970) 533-7412 FAX: (970) 533-7411
Web-site address: www.westernexcelsior.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
Excel PP5-12 Turf Reinforcement Mat is composed of 100% synthetic components. A matrix of green polypropylene fibers is mechanically (stitch) bound between two UV stabilized, heavy duty synthetic nets. Stitching is secured on two inch centers using UV stabilized, heavy duty polypropylene thread. Excel PP5-12 is a permanent, three-dimensional TRM that provides immediate erosion protection and long term turf reinforcement and is intended for slope or channel applications requiring erosion protection for greater than thirty-six months.

Restrictions, (installation and/or use):

Use of the product, (be specific to CDOT highway activities only):
Erosion Control, Slope and Channels

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Reliable and economical erosion control.

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

- ☐ CDOT :
- ☐ ASTM :
- ☐ AASHTO :
- ☒ FHWA : FP-03 5C
- ☐ other :

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

- ☒ NTPEP-AASHTO : 2010 NTPEP Report 12001.10
- ☐ FHWA :
- ☒ other : TRI / Environmental, Inc. (1-09-2006)
- ☒ other : Colorado State University (2-08-2007)

State DOT Approvals, (current documentation required):

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

Notes/Additional Comments