COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3112-10

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

Material code: 216.02.02.00

FOR INTERNAL CDOT USE

Material code description full name: Soil Retention Covering, Blanket

PART 1

Product name: Curlex III

Product category: Envir., EC\Soil Retention Covering\SRB [Photodegradable Class 1]

Product representative (name & address):
Attn: Kurt Kelsey
American Excelsior Company
850 Avenue H East
Arlington, TX 76011
Phone: (715) 236-5643 FAX: (715) 236-5627

Manufacturer (name & address):
Attn: Kurt Kelsey
American Excelsior Company
831 Pioneer Avenue
Rice Lake, WI 54868
Phone: (715) 236-5643 FAX: (715) 236-5627

Web-site address: www.Curlex.com

Web-site address: www.Curlex.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)

Curlex III erosion control blanket (ECB) consists of a specific cut of 100% weed seed free Great Lakes Aspen curled wood excelsior with 80% six-inch fibers or greater fiber length. It is of consistent thickness with fibers evenly distributed throughout the entire area of the blanket. The top and bottom of each blanket is covered with heavy duty black net. Curlex III is available in dimensions of 4ft x 135ft & 8ft x 67.5ft (W x L).

Available alternate netting: FibreNet (Biodegradable net).

Restrictions, (installation and/or use):

Slope protection up to 1H:1V & Channel shear stress 3.0 lb/SF and flow velocity up to 10.5ft/s.

Use of the product, (be specific to CDOT highway activities only):

Use erosion control blanket to reduce erosion, protect seeds, enhance germination, and hasten re-vegetation.

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

Excelsior erosion control blankets have proven to offer superior protection of newly graded areas against erosion from rain splash, sheet flow, and wind erosion, while promoting ideal micro-climatic conditions at the seedbed to enhance seed germination and plant establishment.

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

- [x] CDOT : Standard Specifications, Section 216.02 (a) 2
- [ ] ASTM :
- [ ] AASHTO :
- [x] FHWA : FP-03, Type 4
- [ ] other :

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

- [x] NTPEP-AASHTO : RECP (08-10) - 07
- [ ] FHWA :
- [x] other : Cooper Engineering (October 2008), Ayres Associates (March 24, 2009)
- [ ] other :

State DOT Approvals, (current documentation required):

Virginia, Nebraska, New Mexico, New York, Texas

Sample submitted: [x] yes [ ] no [ ] n/a

Materials Safety Data Sheets (MSDS): [x] yes [ ] no [ ] n/a

Notes/Additional Comments