

Approved Product List for Soil Retention Blanket Mulch

Delaware Department of Transportation
Dover, DE 19903

March 1, 2010

The Approved Product List (APL) is developed using field performance of products that have been used extensively in projects by the Delaware Department of Transportation (DelDOT) with satisfactory results, performance standards, and evaluation by NTPEP Index Tests of Rolled Erosion Control Products, a cooperative effort by AASHTO and the Erosion Control Technology Council (ECTC). NTPEP (National Transportation Product Evaluation Program) Index Tests are a cooperative effort by representatives of manufacturers of rolled erosion control blankets and AASHTO.

Moreover, because of environmental concerns, DelDOT has used extensively only Erosion Control Blankets (ECBs) that have 100 percent biodegradable, natural, organic fiber nettings wherever these ECBs can withstand the design shear stresses. Therefore, the following guidelines will be followed:

1. On slope protection and on grass channels that have maximum shear stress at design flow of less than or equal to 2 pounds per square foot (96 Pascals), all Rolled Erosion Control Products (RECP) will have 100 percent biodegradable, natural, organic fiber nettings. These are short-term biodegradable blankets.
2. On grass channels that have maximum shear stress at design flow greater than 2 pounds per square foot (96 Pascals), only RECPs that are classified as long-term non-degradable blankets will be used. These products are termed Turf Reinforcement Mats (TRMs).

In order for a product to be added to DelDOT's Approved Product List and be eligible for use in DelDOT's construction and maintenance works, the product must meet the above guidelines.

Pre-approval procedures and the current APL may be obtained by writing to the Stormwater Engineer, Delaware Department of Transportation, P. O. Box 778, Dover, DE 19903, calling 302 760-2251, or viewing DelDOT's web page at '<http://www.deldot.gov/information/business/>'. As new products are tested, those products meeting DelDOT requirements will be added to the APL.

DelDOT reserves the right to remove a product from the APL or change its' classification when field performance proves the product to be unsatisfactory.

**Soil Retention Blanket Mulch (SRBM)
DelDOT Approved Product List, March 1, 2010**

SRBM Type, DelDOT Bid Item Number	Approved Products	
	Manufacturer	Product Name
Type 1, Item No. 735531		
Type 2, Item No. 735532		
Type 3, Item No. 735533	American Excelsior American Excelsior Belton Industries East Coast Erosion Blankets East Coast Erosion Blankets East Coast Erosion Blankets ErosionControlBlanket.com North American Green North American Green Western Excelsior <u>Plus Type 5 blankets</u>	Curlex I FibreNet Curlex II FibreNet Econo-Jute ECS-2B ECSC-2B ECC-2B S32BD S150BN S75BN Excel SR-1 All Natural
Type 4, Item No. 735534	American Excelsior American Excelsior American Excelsior Belton Industries Conwed Fibers Earth Chem East Coast Erosion Blankets ErosionControlBlanket.com Mat Profile Products Profile Products Profile Products <u>Plus Types 5 and 3 blankets</u>	AEC Premier Straw FibreNet DN AEC Premier Straw FibreNet SN Curlex Net-Free Anti-wash / Geojute Conwed 3000 M-BFM (From Mar 1 to Oct 31 only) EarthBound (From Mar 1 to Oct 31 only) ECS-1B S31BD Soil Guard (From Mar 1 to Oct 31 only) EcoAegis BFM (From Mar 1 to Oct 31 only) Flexterra FGM (From Mar 1 to Oct 31 only) Hydro-Blanket BFM
Type 5, Item No. 735535	American Excelsior American Excelsior American Excelsior ErosionControlBlanket.com ErosionControlBlanket.com North American Green North American Green Western Excelsior Western Excelsior Western Excelsior Western Excelsior Western Excelsior	AEC Premier Coconut FibreNet AEC Premier Straw / Coconut FibreNet Curlex III FibreNet C32BD SC32BD C125BN SC150BN EXCEL CC-4 All Natural EXCEL CS-3 All Natural EXCEL R-1 All Natural EXCEL S-2 All Natural EXCEL SS-2 All Natural

Type 6, Item No. 735536	American Excelsior American Excelsior Erosion Control Systems Greenstreak Mirafi Construction Products Western Excelsior Western Excelsior <u>Plus Type 7 blankets</u>	Recyclex Recyclex TRM-V Earth-Lock PEC-MAT Miramat TM8 EXCEL PP5-10 EXCEL PP5-8
Type 7, Item No. 735537	Contech East Coast Erosion Blankets East Coast Erosion Blankets ErosionControlBlanket.com North American Green North American Green Propex Propex Propex Tensar International Tensar International Western Excelsior	TRM C-45 ECC-3 ECP-2 P42 C350 Three Phase P350 Landlok 1051B Landlok 450 Pyramat TB1000 TM3000 EXCEL PP5-12