

Approved Product List for Soil Retention Blanket Mulch

**Delaware Department of Transportation
Dover, DE 19903**

March 1, 2011

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

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/>'.

For the Bonded Fiber Matrix (BFM) products found under the Type 4 category, they should be applied as per the manufacturer's recommendation.

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, 2011**

SRBM Type, DelDOT Bid Item Number	Approved Products	
	Manufacturer	Product Name
Type 3, Item No. 735533	American Excelsior American Excelsior 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 ECS-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 HydroStraw 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 (BFM) EarthBound (BFM) ECS-1B S31BD HydroStraw Guar + Formulation (BFM) Soil Guard (BFM) EcoAegis BFM (BFM) Flexterra FGM (BFM) Hydro-Blanket BFM (BFM)
Type 5, Item No. 735535	American Excelsior American Excelsior American Excelsior East Coast Erosion Blankets East Coast Erosion Blankets 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 ECSC-2B ECC-2B 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	<p>American Excelsior American Excelsior East Coast Erosion Blankets East Coast Erosion Blankets ErosionControlBlanket.com Greenstreak Western Excelsior Western Excelsior</p> <p><u>Plus Type 7 blankets</u></p>	<p>Recyclex Recyclex TRM-V ECP-2 10oz ECSC-3 P42 PEC-MAT EXCEL PP5-10 EXCEL PP5-8</p>
Type 7, Item No. 735537	<p>Contech East Coast Erosion Blankets East Coast Erosion Blankets East Coast Erosion Blankets North American Green North American Green Propex Propex Propex Western Excelsior</p>	<p>TRM C-45 ECC-3 ECP-3 ECP-2 C350 P550 TRM Landlok 1051B Landlok 450 Pyramat EXCEL PP5-12</p>