Government
of Alberta ■

Transportation

Product Evaluation

Product ID: 8179-1-3
Initiation Date: December 2004
Revision Date: June 29, 2010

RE: Review of Filtrexx LockDown Netting

PRODUCT
The Filtrexx LockDown Netting is manufactured by Filtrexx Canada Inc. of Brantford, Ontario, and would be supplied and installed by Erscon Canada Ltd. of Edmonton and Top Spray of Cochrane, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS:
Filtrexx LockDown Netting is used to keep compost in place on slippery slopes during heavy rain events. It reinforces compost erosion blankets and adds shear and strength and stability. It is used for slopes greater than 3:1 with loose, highly erodable soil. Soils that are sandy or low in organic matter are particularly prone to erosion and would be excellent candidates for this product. Where concerns for slope stability is high and where shear strength is a concern. The LockDown

DESCRIPTION:
Netting allows the roots to help hold the slope and keeps the turf from sliding off the slope, once vegetated. The LockDown Netting is also available in both biodegradable and photodegradable netting styles. It is used in combination with Compost Blankets.

POTENTIAL USAGE:
Used for erosion control on highway slopes and ditches.

STANDARDS:
AASHTO MP10-03 Standard Specification: Compost for Erosion/Sediment Control

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ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:
Alberta Transportation has not tried compost for erosion and sediment control.

APPLICATION STANDARDS:
Alberta Transportation has adopted AASHTO MP9 and MP10 for application of compost for erosion and sediment control.

RECOMMENDATIONS:
Filtrexx LockDown Netting for erosion control be listed as a Proven Product under Alberta Transportation Product List, Compost for Erosion and Sediment Control – Filtrexx LockDown Netting – Proprietary.

TRIAL PROJECTS

Shell Canada Scotford Complex, Edmonton residences slope re-vegetation
H549:06 McGregor Dam West Slope revegetation

Fred Cheng

cc   New Product Evaluation Standing Committee – Roger Skirrow