

Product Evaluation

Product ID: 8079-1-6
Initiation Date: December 2004
Revision Date: May 17, 2005
Expiry Date: May 2008

RE: Review of Filtrexx Channel Soxx

PRODUCT

The Filtrexx Channel Soxx is manufactured by Filtrexx Canada Inc. of Brantford, Ontario, and would be supplied and installed by Erscon Canada Ltd. of Edmonton.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

Filtrexx Channel Soxx is to be used in place of rip rap or other channel designs for moving water off site and avoidance of further slope erosion. Channel Soxx is normally seeded during the time of installation, which allows them to become part of the living landscape. Live staking of vegetation can also be incorporated for permanent installations. However, in temporary situations, they make excellent protective channels that can be removed without heavy equipment.

DESCRIPTION:

The Channel Soxx is mesh tubes filled with a customized material including in-part, recycled organics (compost). The compost is installed within the FilterSoxx utilizing a blower truck auger system – or other device. The Channel Soxx is available in 200 mm, 300 mm, 450 mm and 600 mm diameters.

POTENTIAL USAGE:

Used for erosion control on highway slopes and ditches.

STANDARDS:

AASHTO MP9-03 Standard Specification: Compost for Erosion/Sediment Control

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 Channel Soxx for erosion control be listed as a Potential Product under Alberta Transportation Product List, Compost for Erosion and Sediment Control – Filtrexx Channel Soxx – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

Fred Cheng

cc New Product Evaluation Standing Committee – Roger Skirrow