

Product Evaluation

Product ID: 8079-1-1
Initiation Date: December 2004
Revision Date: November 20, 2007

RE: Review of Rexus EcoBerm

PRODUCT

The Rexus EcoBerm would be supplied and installed by Erscon Canada Ltd. of Edmonton, AB and Top Spray of Cochrane, AB.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

This product would be installed as a traditional silt fence replacement alternative. Rexus EcoBerm is a sediment-trapping device that utilizes a specifically sized mulch/compost filtering material, pneumatic installation using a berm forming device, and biological/structural additive (Rexus Microblend) system that has been laboratory tested to be 90% effective. EcoBerm reduces runoff and dissipating small rills of flow into uniform sheet flow.

DESCRIPTION:

The Rexus EcoBerm is typically installed at 300 mm to 450 mm in height and can also be injected with seed (Terraseeding) to provide a more permanent protection.

POTENTIAL USAGE:

Used for erosion control on highway slopes and ditches.

STANDARDS:

AASHTO MP9-03 Standard Specification: Compost for Erosion/Sediment Control
ASTM D6459 Erosion Control Blankets Performance in Protecting Hill Slopes from Rainfall-induced Erosion.

ALBERTA INFRASTRUCTURE and TRANSPORTATION COMMENTS

EXPERIENCE:

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

APPLICATION STANDARDS:

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

RECOMMENDATIONS:

Rexus EcoBerm for erosion control be listed as a Proven Product under Alberta Infrastructure and Transportation Product List, Compost for Erosion and Sediment Control – Rexus EcoBerm – Proprietary, based on the information provided.

TRIAL PROJECTS

Mcgrgor Dam, H734 Pembina River

Fred Cheng

cc New Product Evaluation Standing Committee – Roger Skirrow