

Product Evaluation

Product ID: 8079-1-2
Initiation Date: December 2004
Revision Date: November 20, 2007

RE: Review of Rexus EcoBlanket

PRODUCT

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

VENDOR CLAIMS AND INFORMATION

CLAIMS:

Rexus EcoBlanket is an erosion control device that utilizes a specifically sized mulch/compost filtering material, pneumatic installation and biological/structural additive (Rexus Microblend) system that has been laboratory tested to be 90% effective. EcoBlanket controls erosion by providing a 25 mm to 75 mm thick mulch/compost blanket with 100% soil contact that eliminates sheet and rill erosion.

DESCRIPTION:

Seed may also be injected at time of application (Terraseeding) for more permanent protection.

POTENTIAL USAGE:

Used for erosion control on highway slopes.

STANDARDS:

AASHTO MP10-03 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 EcoBlanket for erosion control be listed as a Proven Product under Alberta Infrastructure and Transportation Product List, Compost for Erosion and Sediment Control – Rexus EcoBlanket – Proprietary, based on the information provided.

TRIAL PROJECTS

McGregor Dam, H734 Pembina River

Fred Cheng

cc New Product Evaluation Standing Committee – Roger Skirrow