

Product Evaluation

RE: Review of Eastcoast Erosion Blankets – ECSC-2

PRODUCT

Eastcoast Erosion Blankets – ECSC-2. This product is manufactured by Eastcoast Erosion Blankets and distributed in Alberta by AFW Construction.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

Ideal for erosion protection and the establishment of vegetation for up to 24 months, the ECSC-2 is an erosion control blanket designed for use in moderate-heavy flow drainage channels and on slopes of up to a 1:1 grade.

DESCRIPTION:

The blanket is made from a mix of 70% agricultural straw and 30% coconut fiber, stitched with degradable thread between a layer of UV-stabilized top netting and a bottom layer of standard polypropylene netting. This blanket provides extra protection for extended vegetation growth.

POTENTIAL USAGE:

Erosion control.

STANDARDS: The ECSC-2 meets Type 3.B specification requirements established by the ECTC and FHWA FP-03 Section 713.17.

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has tried a large variety of erosion control mats in the past.

APPLICATION STANDARDS:

Alberta Transportation has a performance specification for Rolled Erosion Control Products.

RECOMMENDATIONS:

Eastcoast Erosion Blankets – ECSC-2 for erosion control be listed as a Proven Product under Alberta Transportation Product List, Erosion Control Systems, Rolled Erosion Control Products – Temporary Erosion Control Products, Type C – Proprietary, based on the information provided.

TRIAL PROJECTS

Henday NW/82 Street Interchange
Henday NW/97 Street Interchange

Fred Cheng

cc New Product Evaluation Standing Committee - Roger Skirrow