

Product Evaluation

RE: Review of Excel CC-4

PRODUCT

Excel CC-4 is manufactured by Western Excelsior located in Evansville, Indiana and distributed by Green Patch Environmental Consulting Ltd located in Edmonton, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

Excel CC-4 is a Rolled Erosion Control Product (RECP) that consists of a machine produced, clean fiber matrix, manufactured for consistent coverage and thickness. Excel CC-4 is a long term erosion control blanket comprised of a 100% clean coconut matrix mechanically bound on two inch centers between two long lasting nets. Product website:

<http://www.westernexcelsior.com/products/cc4.mgi>

DESCRIPTION:

Excel CC-4 Erosion Control blanket (ECB) consists of a matrix of 100% coconut fibers stitched between two nets. Excel CC-4 is available with ultraviolet stabilized, synthetic or biodegradable netting

POTENTIAL USAGE:

Excel CC-4, ECB provides erosion control for a period of up to thirty six months and serves as a mulching layer enhancing the establishment of vegetation.

STANDARDS:

ASTM D6818
ASTM D6475
ASTM D6525
ASTM D6567
ASTM D1117

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has extensive experience with rolled erosion control products. This product has been used by AT on highway 63.

APPLICATION STANDARDS:

Rolled Erosion Control mats or blankets are made from straw or hay, coconut fibers, wood excelsior, jute, polypropylene or nylon fibers. They are used to reduce erosion and create conditions to assist the establishment of vegetation. Any product that meets the requirements of Design Guidelines for Erosion and Sediment Control for Highways, 2011 (BMP#13) qualifies.

RECOMMENDATIONS:

Excel CC-4 be listed as a Trial Product under Alberta Transportation Products List, Erosion and Sediment Control – Rolled Erosion Control Products – Type C – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS

Highway 63; Antony Henday NE – call vendor for exact locations

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