

Product Evaluation

RE: Review of AEC Erosion Control Blankets – AEC Premier Straw/Coconut

PRODUCT

American Excelsior Company erosion control blankets – AEC Premier Straw/Coconut. This product is manufactured by American Excelsior Company and distributed in Alberta by AGES Brockwhite of Calgary.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

AEC Premier Straw/Coconut is designed to provide temporary protection for grass seed and topsoil during the germination and progressive re-vegetation and root system development stages. Website: www.americanexcelsior.com.

DESCRIPTION:

AEC Premier Straw/Coconut Blend is bio-degradable erosion control blanket consisting of the finest weed free agricultural straw fibres and the highest quality strands of coconut fibres. By adding 30% coconut fibres to the AEC Premier Straw blanket the straw/coconut blend of fibres can extend the biodegradable life to 12-18 months. This Premier product has duration photodegradable, UV enhanced nettings on both sides. The FibreNet 100% jute netting is available for environmentally sensitive areas while maintaining performance standards.

POTENTIAL USAGE:

Typical applications are for highway slopes and embankments, slope stabilization and utility right of ways.

STANDARDS:

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has tried a large variety of rolled erosion control products in the past and might have some experience with this product but there is no documentation of its actual use and performance.

APPLICATION STANDARDS:

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

RECOMMENDATIONS:

American Excelsior Company AEC Premier Straw/Coconut for erosion control be listed as a Proven Product under Alberta Transportation Product List, Erosion and Sediment Control Systems, Rolled Erosion Control Products – Temporary RECPs – Type C, based on the information provided.

TRIAL PROJECTS

Fred Cheng

cc New Product Evaluation Standing Committee - Roger Skirrow