

## **Product Evaluation**

### **RE: Review of AEC Erosion Control Blankets – AEC Premier Coconut**

#### **PRODUCT**

American Excelsior Company erosion control blankets – AEC Premier 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 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](http://www.americanexcelsior.com).

##### **DESCRIPTION:**

The AEC Premier Coconut is bio-degradable erosion control blanket consisting of 100% coconut fibres and providing longer erosion protection life up to 36 months. The Premier Coconut blankets have 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:**

ASTM tests.

#### **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 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**

Stoney Trail; Scenic Acres (Calgary)

Fred Cheng

cc New Product Evaluation Standing Committee - Roger Skirrow