

**Product Evaluation**

Product ID: 8132-1-12  
Initiation Date: August 2004  
Revision Date: November 20, 2007  
Expiry Date: September 2009

**RE: Review of Erosion Control Blankets and Mats – ErosionControlBlanket.com SC32**

**PRODUCT**

SC32 erosion control blankets are manufactured by ErosionControlBlanket.com and distributed by Cascade Geotechnical Inc. of Edmonton.

**VENDOR CLAIMS AND INFORMATION**

**CLAIMS:**

The erosion control blankets are used for erosion control for channels and moderate to severe slopes, for light to medium water flow rates.

**DESCRIPTION:**

SC32 from ErosionControlBlanket.com is a straw/coir (70% straw and 30% coconut) fiber blanket stitched with a top black UV stabilized polypropylene nets (15.9 x 15.9 mm mesh size), (14.6 grams/m<sup>2</sup>). The bottom net is one photo degradable polypropylene net. The "S" represents straw and the "C" represents coir, the "3" represents that the blanket has a minimum of 0.27 Kg/m<sup>2</sup>, the "2" represents that the blanket is netted on 2 sides. The functional longevity of the blanket is greater than 1 year depending on moisture, light and winter conditions. The blanket is sewn together with white or brown UV stabilized polypropylene thread.

**POTENTIAL USAGE:**

The erosion control blankets are used for erosion control for channels and slopes.

**STANDARDS:**

Cascade Geotechnical Inc has provided a Test Report for the product.

**ALBERTA INFRASTRUCTURE and TRANSPORTATION COMMENTS**

**EXPERIENCE:**

Alberta Infrastructure and Transportation has tried a variety of erosion control mats in the past and might have some experience with this product but there is no documentation of its installation and performance.

**APPLICATION STANDARDS:**

Alberta Infrastructure and Transportation has a performance specification for this product.

**RECOMMENDATIONS:**

ErosionControlBlanket.com SC32 for erosion control be listed as a Trial Product under Alberta Infrastructure and Transportation Product List, Erosion Control Systems – Rolled Erosion Control Blanket – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

**TRIAL PROJECTS**

Hwy 88, Hwy 43, H883, Hwy 63 and Stony Trail Calgary

Fred Cheng

cc New Product Evaluation Standing Committee – Roger Skirrow