

**RE: Review of Erosion Control Blankets and Mats – ErosionControlBlanket.com C32**

**PRODUCT**

C32 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 medium water flow rates.

**DESCRIPTION:**

C32 from ErosionControlBlanket.com is a 100% coir (coconut) fiber blanket stitched with 2 black UV stabilized polypropylene nets (15.9 x 15.9 mm mesh size), (14.6 grams/m<sup>2</sup>). 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 2 years depending on moisture, light and winter conditions. The blanket is sewn together with white or black 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 Material Safety Data Sheet for Black-UV-1 (black UV stabilized polypropylene thread).

**ALBERTA INFRASTRUCTURE and TRANSPORTATION COMMENTS**

**EXPERIENCE:**

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

**APPLICATION STANDARDS:**

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

**RECOMMENDATIONS:**

ErosionControlBlanket.com C32 for erosion control be listed as a Proven Product under Alberta Infrastructure and Transportation Product List, Erosion Control Systems – Rolled Erosion Control Blanket – Proprietary, based on the information provided.

**TRIAL PROJECTS**

2:15, 2A:08, 216:04&06, 16:14, 677:02, 43:00, 672:04

Fred Cheng

cc New Product Evaluation Standing Committee – Terry Willis  
Roger Skirrow