

RE: Review of Erosion Control Blankets and Mats – ErosionControlBlanket.com P42

PRODUCT

P42 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:

The P42 matting from ErosionControlBlanket.com is manufactured from 100% polypropylene fiber stitched between a black UV stabilized polypropylene top net with a mesh size of 1.34 x 1.27 cm and a black UV stabilized polypropylene bottom net with a mesh size of 1.59 x 1.59 cm. The “P” and “4” represent polypropylene fibre applied at a minimum of 400 g/m² and the “2” represents that the mat is netted on the top and bottom sides. The P42 is a permanent turf reinforcement mat. The mat is sewn together on 38.1 mm centres, with UV stabilized polypropylene black thread.

POTENTIAL USAGE:

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

STANDARDS:

P42 has been tested by the National Transportation Product Evaluation Program (NTPEP).

**ALBERTA INFRASTRUCTURE AND TRANSPORTATION COMMENTS
EXPERIENCE:**

Alberta 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 P42 for erosion control be listed as a Proven Product under Alberta Infrastructure and Transportation Product List, Erosion Control Systems – Turf Erosion Control Blankets – Proprietary.

TRIAL PROJECTS

Edmonton International Airport expansion

Fred Cheng

cc New Product Evaluation Standing Committee – Roger Skirrow