

Product Evaluation

RE: Review of Eastcoast ECP-2 10 oz. Polypropylene Turf Reinforcement Mat

PRODUCT

Eastcoast ECP-2 10 oz. Polypropylene Turf Reinforcement Mat. This product is manufactured by Eastcoast Erosion Blankets and distributed in Alberta by Layfield Group, Edmonton.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

A permanent erosion control Best Management Practice (BMP) for establishing vegetation on 1:1 slopes and in high-flow channels.

DESCRIPTION:

Eastcoast ECP-2 10 oz. Polypropylene Turf Reinforcement Mat is made with uniform distributed 100% green polypropylene fibre and two medium weight polypropylene nets securely sewn together with UV stabilized thread. The tightly compressed blankets are wrapped and include a product label, code and installation guide. The blankets are palletized for easy transportation.

POTENTIAL USAGE:

Slopes and in high-flow channels.

STANDARDS:

ASTM D6460 Shear stress and velocity

The ECP-2 10 oz. meets specification requirements established by the ECTC and FHWA FP-03 Section 713.18.

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has tried a large variety of erosion control mats in the past.

APPLICATION STANDARDS:

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

RECOMMENDATIONS:

Eastcoast ECP-2 10 oz. Polypropylene Turf Reinforcement Mat for erosion control list as a Proven Product under Alberta Transportation Product List, Erosion and Sediment Control Systems, Rolled Erosion Control Products – Turf Reinforcement Mats, Type B – Proprietary, based on the information provided.

TRIAL PROJECTS

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Fred Cheng

cc New Product Evaluation Standing Committee - Roger Skirrow