

**Product Evaluation**

**RE: Review of Filter Unit Ecogreen 2T and 4T**

**PRODUCT INFORMATION**

Product Name: Filter Unit Ecogreen 2T and 4T  
Website: <https://www.kyowa-inc.co.jp/en/>

Manufacturer: Kyowa Co., Ltd., Osaka, Japan  
Supplier: Cross Country Canada Supplies & Rentals Inc. Spruce Grove, AB

**VENDOR CLAIMS AND INFORMATION**

**CLAIMS**

Filter Unit Ecogreen 2T and 4T are ideal for all hydraulic works as they are non- corrosive, rot proof, non-rusting, and weather resistant. Suppleness and flexibility of the fiber make them adaptable to all soils and reliefs.

**DESCRIPTION**

Filter Units are large mesh bags that are filled with rock, pebbles, rubbles etc. and are used for erosion control and scour protection at riverbanks, lake shores, coastlines, ports, bridges, underwater cables, and pipelines. They are made of recycled polyester.

**POTENTIAL USAGE**

Erosion protection on roadside ditches.

**STANDARDS**

EN 13249 - Roads and other trafficked areas	EN 13250 - Railways
EN 13251 - Earthworks, foundations and retaining structures	EN 13255 - Canals)
EN 13254 - Reservoirs and dams	EN 13257 - Solid waste disposals
EN 13256 - Tunnels and underground structures	
EN 13253 - Erosion control works(coastal protection and bank revetments	
ASTM D6637 – Tensile Strength and elongation	ASTM D4355 - UV Resistance

**ALBERTA TRANSPORTATION COMMENTS**

**EXPERIENCE**

Transportation and Economic Corridors has no experience with this type of product.

**APPLICABLE STANDARDS**

Currently Transportation and Economic Corridors does not have guidelines or specifications pertaining to this types of Products.

**RECOMMENDATIONS**

Filter Unit Ecogreen 2T and 4T be listed as a Potential Product under Alberta Transportation Products List, Erosion and Sediment Control Systems - Miscellaneous Erosion and Sediment Control – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

**RESTRICTIONS ON USE**

Caveat:

1. Use is restricted to non-fish bearing streams. It may require DFO approval prior to use in beside the creeks, rivers, and other environmentally sensitive locations.
2. The choice between Filter Unit Ecogreen 2T and 4T will be based on site conditions.

**TRIAL PROJECTS**

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