

Product Evaluation

RE: Review of Profile Conwed 1000

PRODUCT

Profile Conwed 1000 is distributed by GPEC Ltd. located in Edmonton.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

Profile Conwed Fibers® Hydro Mulch® 1000 with TriFlo provides maximum soil coverage due to its 100% Thermally Refined® wood fiber. Recommend for slopes 2:1 to 4:1. Website: www.conwebfibers.com.

DESCRIPTION:

Utilizes heat and pressure that breaks wood down into more fibrous material with greater surface area that results in better yield and coverage. Delivers up to 50% more water-holding capacity than atmospherically refined wood mulches. Creates an interlocking matrix for better erosion control protection and allows for improved oxygen transfer. Creates a near perfect environment for faster germination.

POTENTIAL USAGE:

This hydromulch is used for erosion control, seeding in construction, reclamation and landscaping.

STANDARDS:

ASTM D7367 Water holding capacity
Large scale testing - Cover factor and % effectiveness
ASTM D5338 Functional longevity
EPA 2021.0 Ecotoxicity
ASTM D5338 Biodegradability

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has no experience with this product.

APPLICATION STANDARDS:

Alberta Transportation does not have a specification for this product.

RECOMMENDATIONS:

Profile Conwed 1000 be listed as a Potential Product under Alberta Transportation Product List, Erosion and Sediment Control Systems, Hydraulic Erosion Control Product - Proprietary based on the information provided.

TRIAL PROJECTS

Fred Cheng

cc New Product Evaluation Standing Committee – Roger Skirrow