

Product Evaluation

RE: Review of Cocoflex ET-FGM

PRODUCT

Cocoflex ET-FGM (Extended Term – Flexible Growth Medium) is manufactured by Profile Products LLC located in Buffalo Grove, Illinois and distributed in Alberta by Brett Young.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

Cocoflex ET-FGM requires no cure time and provides good slope protection.

DESCRIPTION:

Cocoflex ET-FGM is designed with blended coconut and wood fibres, crimped interlocking man-made fibres and additives. It is hydraulically applied to surfaces.

POTENTIAL USAGE:

Can be used in erosion control of slopes.

STANDARDS:

ASTM D6566 Mass per unit area
ASTM D6525 Thickness
ASTM D6567 Water holding capacity, % ground cover
ASTM D7101 Cover factor, % effectiveness
ASTM D7207 Shear stress
ASTM D7322 Vegetation establishment
Large scale tests.

The above ASTM test methods developed for rolled erosion control products have been modified to accommodate hydraulically applied erosion control products.

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has no experience with this product.

APPLICATION STANDARDS:

Alberta Transportation has standard specifications for seeding and fertilizing.

RECOMMENDATIONS:

Cocoflex ET-FGM listed as a Proven Product under Alberta Transportation Products List, Erosion Control – Miscellaneous – Proprietary, based on the information provided.

TRIAL PROJECTS

RR 150 (South of Hwy 16)

Fred Cheng

cc New Product Evaluation Standing Committee – Roger Skirrow