

**Product Evaluation**

Product ID: 8134-7-3  
Initiation Date: May 2006  
Revision Date: June 29, 2010

**RE: Review of Flexterra FGM (Flexible Growth Medium)**

**PRODUCT**

Flexterra FGM (Flexible Growth Medium) is manufactured by Profile Products LLC located in Buffalo Grove, Illinois; distributed in Alberta by Brett Young.

**VENDOR CLAIMS AND INFORMATION**

**CLAIMS:**

Flexterra FGM is composed of long strand, thermally refined wood fibres, crimped, interlocking fibres and performance enhancing additives. It is typically hydraulically applied. The FGM requires no curing period and upon application, forms an intimate bond with the soil surface to create a continuous, porous, absorbent and flexible erosion resistant blanket that allows for rapid germination and accelerated plant growth.

**DESCRIPTION:**

Flexterra FGM is effective upon application. It requires no cure time to develop intimate soil contact. It performs on slopes steeper than 2.5H:1V and remains effective even during sustained rainfall events. It can be applied using all types of mechanically agitated hydraulic seeding equipment over uneven terrain and rough seedbeds.

**POTENTIAL USAGE:**

Can be used in erosion control and revegetation of slopes.

**STANDARDS:**

Flexterra FGM was tested using ASTM and ECTC methods. Material specifications were provided. It has been approved and used by South Carolina DOT, Washington State DOT, Texas Transportation Institute and Georgia DOT.

**ALBERTA TRANSPORTATION COMMENTS**

**EXPERIENCE:**

Alberta Transportation has no experience with this product.

**APPLICATION STANDARDS:**

Alberta Transportation standard specifications for seeding and fertilizing.

**RECOMMENDATIONS:**

Flexterra FGM be listed as a Proven Product under Alberta Infrastructure and Transportation Products List, Erosion Control – Miscellaneous – Proprietary.

**TRIAL PROJECTS**

McGregor South Dam West Slope  
H2:08 Willow Creek  
H614:06 and H894:02

Fred Cheng