

Product Evaluation

Product ID: 8130-3-1
Initiation Date: January 8, 2003
Revision Date: January 22, 2003
Expiry Date: June, 2006

RE: Review of Amoco 2130 Silt Fence

PRODUCT

The Amoco 2130 silt fence filters, sediment and other contaminants from runoff water. Amoco 2130 Silt Fence is fabricated by Amoco and distributed by Nilex Inc.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

The Amoco 2130 silt fence fabric is woven polypropylene. The engineered geotextile is stabilized to resist degradation due to ultraviolet exposure. It is resistant to commonly encountered soil chemicals, mildew and insects, and is non-biodegradable. Polypropylene is stable within a pH range of 2 to 13, making it one of the most stable polymers available for geotextile today. Premium hardwood stakes are used. The fabrication process is fully automated, ensuring the highest quality and consistency possible. Nilex silt fence has been designed and manufactured to meet all sediment control requirements.

DESCRIPTION:

Nilex manufactures silt fence from high quality UV stabilized woven geotextile with premium hardwood stakes,

POTENTIAL USAGE:

The silt fence can be used to protect streams, rivers, lakes and other water resources from contamination by silt, sediment and construction debris.

STANDARDS:

A document entitled "Temporary Silt Fence – Guide Specification" is submitted by Nilex (the supplier) outlining material and installation specifications.

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has experience with silt fences in general.

APPLICATION STANDARDS:

Alberta Transportation has a standard for silt fence materials as found in Special Provisions SpE011, Geotextile Fence Barrier (Silt Fence). The Amoco 2130 geotextile meets AT specifications.

RECOMMENDATIONS:

Amoco 2130 Silt Fence be listed as a Trial Product under Alberta Transportation Product List, Erosion Control Systems – Silt Fence – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS

Hwy. 43 Whitecourt to Fox Creek

Fred Cheng

cc New Product Evaluation Standing Committee – Terry Willis
Roger Skirrow