

Product Evaluation

Product ID: 8130-3-9
Initiation Date: January 7, 2005
Revision Date: June 22, 2009

RE: Review of AGES Premium Silt Fence

PRODUCT

The AGES Premium Silt Fence is manufactured with a woven geotextile fabric on wooden or metal posts. It is manufactured by Applied Geo Environmental Solutions (AGES) of Calgary.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

The AGES Premium Silt Fence is used as a silt barrier, with high strength and high flow characteristics and its color (bright green) acts as a warning barrier. There are 3 high strength reinforcing strips running along the length of the material, so that it may be more securely attached to stakes, T-posts or wire fencing. This material is highly resistant to UV exposure, common soil chemicals and is non-biodegradable.

DESCRIPTION:

The material can be purchased attached to page-wire, or attached to wood posts. It can also be purchased by the full Master Roll of material – 18”, 36” or 48” by 500 linear meters.

POTENTIAL USAGE:

STANDARDS:

ASTM D4632 Grab Tensile
ASTM D4632 Elongation
ASTM D4533 Trapezoidal Tear
ASTM D4833 Puncture Strength
ASTM D3786 Mullen Burst
ASTM D4751 AOS
ASTM D4491 Permittivity, flow rate, water permeability
ASTM D4355 UV Resistance

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has experience with metal or wood posts silt fences in construction sites.

APPLICATION STANDARDS:

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

RECOMMENDATIONS:

The AGES Premium Silt Fence be listed as a Proven Product under Alberta Transportation Product List, Erosion Control Systems – Silt Fence – Proprietary, based on the information provided.

TRIAL PROJECTS

Nosehill & Crowchild, Calgary
52nd St. & 72nd Avenue, Calgary
East Lake S.E. Calgary
Calgary Rugby Union
Calgary Zoo parking lot
Enmax expansion, Crossfield

Fred Cheng

cc New Product Evaluation Standing Committee – Roger Skirrow