

Product Evaluation

RE: Review of TECCO Slope Stabilization System

PRODUCT

TECCO Slope Stabilization System is manufactured by Geobrugg North American located in Algodones, New Mexico and distributed by Western Geohazard Solutions Incorporated located in Kelowna, British Columbia.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

TECCO Slope Stabilization System is appropriate for stabilizing steep soil, sediment and rock slopes. After cleaning, leveling and profiling the surface, the TECCO steel wire mesh can be pre-tensioned on the slope at a defined force using soil or rock nails and spike plates. Product website:

http://www.geobrugg.com/content/Portals/35/media/Fotodok_Weisenbach_E_screen.pdf

DESCRIPTION:

TECCO Slope Stabilization System mesh is made of high tensile wire with an ultimate tensile strength of over 256 ksi, the mesh can be stretched over sharp rock edges without sustaining damage. TECCO mesh is supplied in rolls measuring 98.4 X 11.5 ft.

POTENTIAL USAGE:

TECCO system allows optimal adaptation to the soil and rock static requirements and allows choosing the nailing configuration in accordance with the local conditions.

STANDARDS:

Test results provided with regard to wire mesh strength and oxidation resistance

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has no experience with this product and technology.

APPLICATION STANDARDS:

Alberta Transportation do not have a standard for this type of product. This type of system should be designed by a qualified engineer.

RECOMMENDATIONS:

TECCO Slope Stabilization System be listed as a Potential Product under Alberta Transportation Product List, Slope Stabilization – Tensioned Anchored Wire Mesh System – Proprietary, based on field performance. Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS

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