



SCHWÄBISCH GMÜND, GERMANIA

Stabilizarea pantelor

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Proiect	Schwäbisch Gmünd
Loc	Schwäbisch Gmünd
Țară	Germania
Anul instalării	2015
Client	((... will be completed by STS/GRE))
Alte companii implicate	Sidla & Schönberger Spezialtiefbau GmbH
Situația inițială	<p>The developer was planning several residential buildings on the hillside north of the river Rems in Schwabisch Gmund (near Stuttgart). The pit was created with a pile wall for excavation support. This area was backfilled after the buildings were completed. In the upper slope area, which remains visible; however, the developer chose to implement a solution that allows revegation.</p>
Descriere	<p>For dimensioning the nail grid pattern global stability was observed and recorded first. In a second step the near-surface instabilities were dimensioned. As is typical for most excavation activity, this slope was excavated from the top down in 1.5 m increments. Immediately following excavation the erosion control mat and TECCO® System were anchored in place with soil nails.</p> <p>The solution was chosen because:</p> <ul style="list-style-type: none">- Cohesive soils / grounds with an appropriate supply of nutrients for successful revegetation,- Active and immediate greening of the embankment by hydroseeding,- Through future building the slope will be shaded,- Four years ago, a similar project using TECCO® System was completed nearby and has shown successful revegetation.
Obiect protejat	Clădire
Protecție împotriva coroziunii	GEOBRUGG SUPERCOATING
Geologie	<p>The slope incision is located in the Stubensandstein layer, and is therefore partly based on stiff loams.</p>
Zonă stabilizată	900 m²
Înălțime pantă	15 m
Înclinație pantă	45 ° - 60 °
Vegetație	Da
Rețea de control a eroziunii	Da
Expoziție	

Pentru întrebări, vă rugăm să contactați specialistul Geobrugg din zona dvs.

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