



SCHWÄBISCH GMÜND, ALMANYA

Şev ve Yamaç koruma

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Proje	Schwäbisch Gmünd
Yer	Schwäbisch Gmünd
Ülke	Almanya
Kurulum Yılı	2015
Müşteri	((... wil be completed by STS/GRE))
Dahil olan diğer şirketler	Sidla & Schönberger Spezialtiefbau GmbH
Durum	<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>
Açıklama	<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.
Gösterilen obje	Building
Korozyon koruma	GEOBRUGG SUPERCOATING
Jeoloji	The slope incision is located in the Stubensandstein layer, and is therefore partly based on stiff loams.
Dengelenen alan	900 m²
Maksimum eğim yüksekliği	15 m
Eğim meyili	45 ° - 60 °
Yeşillendirme	Evet
Erozyon kontrol matı	Evet
Konumlandırma	

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Kevin H. Coyle

Regional Manager Northeast

Telefon +1 860 377 3230

kevin.coyle@geobruigg.com



Geobruigg

info@geobruigg.com | www.geobruigg.com
