



SCHÖNEGRÜND B462, GERMANY

Slope Stability

Schönegründ B462

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Project	Schönegründ B462
Location	Schönegrund
Country	Germany
Year of installation	2012
Customer	Regierungspräsidium Karlsruhe, Dienstsitz Freudenstadt
Engineering	Ingenieurgruppe Geotechnik, Kirchzarten
Contractor	Sachtleben Mining Services GmbH, Wolfach
Initial situation	-
Description	<p>Heavy rainfall caused repeated landslips, sending loose masses of earth down onto the B462 highway. The slope was dimensioned with regard to overall stability (lower slip surfaces) and to combat surface instabilities. First of all, several heavily weathered areas of the slope were secured using shotcrete seals. The high-tensile TECCO® System mesh was then combined with the dimensioned nail grid and installed. To protect against loose rockfall from the upper area of the slope, the edge of the TECCO® System mesh was elevated on the mountain side using a bracing rope mounted on posts.</p>
Protected object	Road
Stabilized area	2000 m ²
Maximum slope height	15 m
Slope inclination	55 ° - 65 °
Erosion control mat	Yes
Exposition	-

For questions please contact our Geobrugg specialist at your side

Roger Moor

Country Manager Ost- und Zentralschweiz, Liechtenstein

Phone +41 71 466 81 52

Mobile +41 78 783 46 81

Roger.Moor@geobrugg.com



Geobrugg

info@geobrugg.com | www.geobrugg.com
