



KÖNIGSTEIN, SAXONY, ALMANYA

Moloz akışına ve heyelana karşı koruma

Königstein, Saxony

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Proje	Königstein, Saxony
Yer	Königstein, OT Strand
Ülke	Almanya
Kurulum Yılı	2012
Müşteri	City of Königstein
Mühendislik	Geobrugg AG
Yüklenici	Bergsicherung Freital GmbH

Durum

The railway track from Dresden to Děčín (Czech Republic) experienced heavy rain that triggered several mudslides in August 2010. They blocked the railway line and the parallel road next to the city of Königstein.

This area shows signs of weathering and slope erosion. Blocks with an edge length up to two meters are embedded and shows first signs of instabilities.

The slope has an average inclination of 30 to 35 degrees and thanks to two torrents creating Y shape can mobilize up to 100 m³ of debris flow material.

Açıklama

Based on data collected in September 2010, the debris flow barrier was dimensioned using our DEBFLOW software. The optimum location for the barrier was a terrain transition in a flume area with undisturbed edge structure. The embankments on both sides offered fully extensive anchoring options.

Gösterilen obje	Road, Railway
Korozyon koruma	Galvanized, GEOBRUGG SUPERCOATING
Sistem boyu	4.0 m
Sistem uzunluğu	7 m - 25 m
Bariyer sayısı	1
Tutma kapasitesi	270 m ³

Sorularınız için yerel Geobrugg uzmanınızla iletişime geçiniz

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