



# КÖNIGSTEIN, SAXONY, ГЕРМАНИЯ

Селевые потоки и микросели

# Königstein, Saxony

## Селевые потоки и микросели

Проект	Königstein, Saxony
Место	Königstein, OT Strand
Страна	Германия
Год установки	2012
Клиент	City of Königstein
Проектировщик	Geobrugg AG
Подрядчик	Bergsicherung Freital GmbH

**Ситуация**

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 m<sup>3</sup> of debris flow material.

**Описание**

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.

Защищаемый объект	Дорога, Железнодорожная линия
Защита от коррозии	Оцинковка, GEOBRUGG SUPERCOATING
Высота системы	4.0m
Длина системы	7 m - 25 m
Количество барьеров	1
Удерживающая способность	270 m <sup>3</sup>

**Для получения информации свяжитесь со специалистом в своём регионе**

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**Roger Moor**

Country Manager Ost- und Zentralschweiz, Liechtenstein

Телефон+41 71 466 81 52

Мобильный+41 78 783 46 81

Roger.Moor@geobrugg.com



**Geobrugg**

info@geobrugg.com | www.geobrugg.com

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