



KÖNIGSTEIN, SAXONY, ALEMANIA

Protección contra flujos de detritos y deslizamientos superficiales

Königstein, Saxony

Protección contra flujos de detritos y deslizamientos superficiales

Proyecto	Königstein, Saxony
Lugar	Königstein, OT Strand
País	Alemania
Año de instalación	2012
Cliente	City of Königstein
Ingeniería	Geobrugg AG
Contratista	Bergsicherung Freital GmbH

Situación inicial	<p>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.</p> <p>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.</p> <p>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.</p>
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Descripción	<p>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.</p>
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Objeto protegido	Carretera, Ferrocarril
Protección contra la corrosión	Galvanizado, GEOBRUGG SUPERCOATING
Altura del sistema	4.0 m
Longitud del sistema	7 m - 25 m
Número de barreras	1
Capacidad de retención	270 m³

Si tiene preguntas por favor póngase en contacto con nuestro especialista Geobrugg en su área

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