



ALTENA, DISTRICT ROAD B236, ALEMANIA

Protección contra caídas de rocas

Altena, district road B236

Protección contra caídas de rocas

Proyecto	Altena, district road B236
Lugar	Altena
País	Alemania
Año de instalación	2013
Cliente	Road Administration North Rhein - Westfalia
Ingeniería	ILG Giessen
Contratista	Feldhaus Bergbau GmbH
Situación inicial	After a rockfall incident, it became of vital importance to secure the slope along district road B236 in North Rhine-Westphalia. The hillside is characterized by weathered, rugged rocks. There already was an old fence of unknown origin but it would never have withstood the expected impacts.
Descripción	The existing fence was a system of 260 meters. It was torn down, and Geobrugg installed a total of five fences GBE-500A and GBE1000A with a length of more than 300 meters. Additionally, single securing systems were installed to reduce forces acting on the system (anchoring and concrete plug). Three sections of about 60 meters in length were covered with TECCO®.
Objeto protegido	Carretera
Capacidad de absorción de energía	500 kJ, 1000 kJ
Altura del sistema	3.0 m, 4.0 m
Longitud del sistema	335 m

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

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