



ALTENA, DISTRICT ROAD B236, GERMANY

Rockfall Protection

Altena, district road B236

Rockfall Protection

Project	Altena, district road B236
Location	Altena
Country	Germany
Year of installation	2013
Customer	Road Administration North Rhein - Westfalia
Engineering	ILG Giessen
Contractor	Feldhaus Bergbau GmbH
Initial situation	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.
Description	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®.
Protected object	Road
Energy absorption capacity	500 kJ, 1000 kJ
System height	3.0 m, 4.0 m
System length	335 m

For questions please contact our Geobrugg specialist at your side

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