



KLOKOVA MOUNTAIN, NATIONAL ROAD 5 (EO5), GREECE

Rockfall Protection

Klokova Mountain, National Road 5 (EO5)

Rockfall Protection

Project	Klokova Mountain, National Road 5 (EO5)
Location	Mesolongi
Country	Greece
Year of installation	2015
Customer	TERNA S.A.
Engineering	Freefall Geotechnical Engineering ZTGmbH
Contractor	Geobrugg AG
Other participating companies	Crestageo AG
Initial situation	In order to provide protection to a national road around Klokova Mountain, a rockfall protection system was installed. Installation allowed the advance drilling, blasting, and construction of a twin bore tunnel system; while minimizing the impact to travel in the area. National Road (EO5) is the only North-South connection to the mainland, therefore, it is of high importance for the local economy.
Description	Geobrugg took over the responsibility of Contractor for rockfall protection installation. Other works included: rock scalling, rock bolting and finally, the installation of a wide range of rockfall barriers, including the GBE and RXE.
Protected object	Road
Corrosion protection	Galvanized, GEOBRUGG SUPERCOATING
Energy absorption capacity	100 kJ, 2000 kJ, 3000 kJ, 1000 kJ, 5000 kJ, 8000 kJ
System height	3.0 m, 6.0 m
System length	60 m - 385 m

For questions please contact our Geobrugg specialist at your side

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