



MESTEACAN - NATIONAL ROAD 1C, ROMANIA

Slope Stability

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Project	Mesteacan - National Road 1C
Location	Mesteacan
Country	Romania
Year of installation	2011
Customer	C.N.A.I.R. - Bucharest
Engineering	IPTANA S.A. - Bucharest
Contractor	FCC Construcții Romania S.A.
Other participating companies	MAVO Transilvania S.R.L - Cluj Napoca

Initial situation The national road DN1C connects the cities of Dej and Baia Mare. Total length of the road is 86,49 km and due to an increase in traffic, had to be rehabilitated. On several sectors the road was enlarged to 3 lanes. In some areas slope stabilization measures were necessary due to topography and geology.

Description The designing office asked Geobrugg to provide an alternative solution to retaining walls, a solution which also could be revegetated. TECCO® SYSTEM³ was chosen and dimensioned to stabilize a total of 2600 m² of newly cut slopes.

Protected object	Road
Corrosion protection	GEOBRUGG SUPERCOATING
Geology	Clay
Stabilized area	2600 m ²
Maximum slope height	12 m
Slope inclination	50 ° - 87 °
Greening	Yes
Erosion control mat	Yes
Exposition	North-East

For questions please contact our Geobrugg specialist at your side

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