



RAHOVEI 20, CLUJ-NAPOCA, ROMANIA

Slope Stability

Rahovei 20, Cluj-Napoca

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Project Rahovei 20, Cluj-Napoca
Location Cluj-Napoca
Country Romania

Year of installation 2013

Customer Private customer
Engineering Zenith Proiect and Consulting
Contractor S.C. MAVO Transilvania S.R.L.

Initial situation This 7 to 8 meters high slope was cut in order to build a private house. Due to the geotechnical data, the slope should have been stable at 40 degrees and up to 4.9 m. When the owner installed the pipes for a geothermal pump on top of the slope, the slope began to fail.

Description Geobrugg designed and delivered a complete protection system. The solution was a standard soil nailing together with GREENAX® mesh. A total of 229 m² were stabilized using 40 soil nails R32. They were installed in the pattern of 2.50 x 2.20 m.

Protected object Building

Corrosion protection GEOBRUGG SUPERCOATING

Geology Silt and clay.

Stabilized area 229 m²

Maximum slope height 8 m
Slope inclination 30 ° - 46 °

Erosion control mat Yes
Exposition

For questions please contact our Geobrugg specialist at your side

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