



MONSERRATE WALKING PATH, PROJECT STAGE 2, COLOMBIA

Rockfall Protection

Monserate Walking path, Project Stage 2

Rockfall Protection

Project	Monserate Walking path, Project Stage 2
Location	Bogota Monserate Walking Path
Country	Colombia
Year of installation	2017
Customer	IDIGER (Instituto distrital de gestion del Riesgo)
Contractor	National Army of Colombia

Initial situation	<p>The sanctuary of Monserate is adjacent to Bogota and an important recreation area for the city. The bush fire in 2015 destroyed the vegetation and the soil cover. Thus blocks of rock were exposed and the danger of accidents rose.</p> <p>Due to this threat, the road was completely closed. A solution that would provide safety, comfort, and durability had to be found to protect the over 2 million people mounting up the hill throughout the year.</p>
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Description	<p>EL IDIGER institute evaluated systems to control the rock falls in order to to re-open the path. WARCO SAS and Geobrugg advised during the design and provided the rockfall barriers. Finally five barriers were installed along the trail to cover the exposed areas. Installed RXE-3000 barriers are 4 m high and have a total length of 215 m.</p>
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Protected object	Touristic infrastructure
Corrosion protection	Galvanized, GEOBRUGG SUPERCOATING
Energy absorption capacity	3000 kj
System height	4.0 m
System length	35 m - 70 m

For questions please contact our Geobrugg specialist at your side

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