



TUNNEL DES PONTIS, SWITZERLAND

Rockfall Protection

Tunnel des Pontis

Rockfall Protection

Project	Tunnel des Pontis
Location	Les Pontis
Country	Switzerland
Year of installation	2010
Customer	Association intercommunale d'Anniviers
Engineering	Nivalp SA / Geobrugg AG
Contractor	Sébastien Chéseaux Paravalanches SA
Initial situation	The entrance of the historic Tunnel des Pontis was endangered by rockfalls.
Description	<p>The flexible rockfall canopy – at present the world's strongest, with an energy absorption capacity of 2000 kJ – was installed at an approximately 60 m long rockface at the Tunnel des Pontis. The supporting structure calculations including special load cases such as boundary field hits, suspension rope hits and snow load were fully simulated on a computer using the FARO software. A total netting coverage of 1200 m² was installed. Lengthening the existing tunnel would have cost eight times more than Geobrugg's solution.</p>
Protected object	Road
Corrosion protection	Galvanized, GEOBRUGG SUPERCOATING
Energy absorption capacity	2000 kJ
System height	7.0 m
System length	- 61 m

For questions please contact our Geobrugg specialist at your side

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