

Project report

Lötschberg Tunnel Frutigen - Raron (Switzerland)



The Loetschberg Base Tunnel leads from Frutigen in the Kandertal (Canton Bern) to Raron in the Rhonetal (Canton Wallis). After its opening in the year 2007 the new high-speed railway tunnel, together with the Simplon tunnel, is the first rapid north-south link through the Alps.

Customer:	Marti Technik AG Am Lochackerweg 2 CH-3302 Moosseedorf Switzerland
Type:	High-speed railway tunnel
Length:	34,6 km
Year of manufacture:	2006

The Loetschberg Base Tunnel is part of the NEAT (Neue Eisenbahn-Alpentransversalen), which will relocate the transit through the alps from road to rail. As an element of the European high-speed network it will also bring quicker connections in the passenger traffic.

Products:



➤ System:	Hinged gate
➤ Number of leaves:	1
➤ Drive:	electric
➤ Fire protection:	T90
➤ Suction/Pressure:	± 30 kPa
➤ Dimension:	up to 4,5 m x 4,5 m
➤ Material:	Stainless steel
➤ Colour:	RAL 1023
➤ Quantity:	26 units
➤ Location:	Cavern

Overall 17 units of 1-leaf hinged gates, 38 units of 1-leaf hinged doors, 8 units of 2-leaf hinged gates, 23 units of 2-leaf hinged doors, 6 units 1-leaf sliding gates, 3 units of 2-leaf lattice gates and 2 units of hatches have been installed.

