



Schlossberg Parking (CH) Sheet Waterproofing

Country	Switzerland
Type	Cavern
Client	Parkhaus Thun AG
Main Contractor	Marti Tunnelbau AG
Designer	Basler&Hofmann, Kissling/Zbinden, Itten/Brechbühl, LP Ingenieure, Toneatti, Siplan
Execution of the work	Renesco AG
Construction Period	2017/2018

Project Description

Underground parking facility for 300 vehicles in the center of the city of Thun.

Construction:

- 2 x Caverns (l = 80m, h = 18m, b = 20m)
- Tunnel 140m
- Shaft depth 19m
- Outbreak by means of partial cutting machine (TSM) and hydraulic excavators 51'000m³
- Interior work with reinforced concrete 14'000m³
- Electrical equipment

Scope of Service

Sheet waterproofing, 2 mm PVC-P acc. to SIA272 (Swiss standard), protection geotextile, protection sheet membrane and water barriers, Concrete Rehabilitation Works, Grouting Works, Contact Grouting.



1. PVC-P Sheet Waterproofing and Protection Sheet Membrane
2. Parking Garage/ Thun
3. Cavern