



SAFETY GALLERY MILCHBUCKTUNNEL ZÜRICH (CH)

EMPLOYER

Federal Roads Office FEDRO, CH-8404 Winterthur

DESIGNER

Pöyry Infra AG, CH-8005 Zürich

TIME OF COMPLETION

2011 - 2013

CONTRACT SUM

CHF ca. 25 Mio.

EXECUTION OF THE WORKS

ARGE Sisto Milchbuck

CONSORTIUM PARTNERS

Marti Tunnelbau AG, CH-3302 Moosseedorf
Marti AG, Bauunternehmung, CH-8050 Zürich

LEAD COMPANY – TECHNICAL AND COMMERCIAL LEAD

Marti Tunnelbau AG, CH-3302 Moosseedorf

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SCOPE OF THE WORKS

Urban tunnelling works for a safety gallery of the Milchbuck highway tunnel in Zurich, 1'380 m. Underground water retention basin.

ACTIVITIES

- Excavation in unconsolidated rock with jetting and pipe umbrella construction system (380 m)
- TBM excavation $\varnothing = 4.15$ m (1'000 m)
- Waterproofing, shotcrete concrete lining
- Water retention basin

GEOLOGY

Soft ground excavation; Mainly moraine and locally upper freshwater molasses TBM excavation
Horizontal layer of upper freshwater molasses composed of sandstone, silt and clay material



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Marti AS

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