

## Rehabilitation of the Upper Part of a Vehicle Storage Facility in Gattikerstrasse, Zurich

### Client

SAW Stiftung Alterswohnungen  
 Of the Municipality of Zurich

### Consultant

IUB Engineering AG

### Construction period

2015

### Costs for formwork

CHF 0.2 million

### Scope of services

- Construction project
- Tendering
- Execution project
- Construction supervision

### Description

The roof of the garage in Gattikerstrasse, Zurich, which was built in 1965, is leaking in a number of places on the lower surface. The waterflow has led to corrosion of the existing reinforcement and the concrete has chipped in places. The aim of the immediate measures is to repair the sealing on the upper side to stop the advance of damage on the concrete ceiling. The entire upper surface of the ceiling was uncovered. The poured asphalt, the existing sealing and the outer concrete layer were demolished. A new outer concrete layer was then poured with a slant. Two new shafts were constructed for the drainage of the car park and troughs. The area around the existing plant boxes was given a waterproof layer and the parking space area was given two layers of poured asphalt.

### Main technical data

Concrete demolition	100 t
Poured asphalt	285 m <sup>2</sup>
Excavation	200 m <sup>3</sup>

