

# New office building Schmelzbergstrasse, Zürich

2008

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During the renovation of the East I-III ward block of the University Hospital Zurich, several office workstations had to be outsourced to ensure economic and rational operation.

## The project

The simplest solution to this problem was the construction of a temporary office building in the immediate vicinity. The useful life of this temporary facility was set at 6 years, after which the building would be dismantled and the land area renaturalized. The execution: Since the space conditions were rather limited, a three-storey building (ground floor; upper floor 1 and upper floor 2) of approx. 40 m length, 6 m width and 9 m height was created. Since the rear retaining wall could not be used for the foundation, individual foundations had to be constructed.

## The construction method

In the front part of the building, elevated point supports were concreted directly onto the retaining wall. All load distribution to the foundations is provided by a steel girder grid supported by the floor elements of the first floor. The superstructure above was built using conventional frame construction, with the interior walls being non-load-bearing. Special attention was required for the fire protection concept and the escape routes, all of which had to be strictly adhered to. The facade of cement-bonded particleboard (nbb) takes into account the distances between buildings, which in some cases were below standard. A two-meter projecting wall bar prevents a fire from spreading to the window front at the smallest building distance.



Fundamente



Front view with entrance front



Facade narrow side



tight space conditions

### Construction Data

- Three floors
- Length / width / height: 40 m / 6 m / 9 m

### Services of Timbatec

- SIA phase 32 construction project
- Statics and construction
- SIA Phase 51 Implementation project
- Technical site management and site inspections

### Architect

Zehnder Holz+Bau AG, Architecture  
8404 Winterthur-Hegi

### Timber Contractor

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