

KIM residential and commercial development / construction site 4.1









SHORT DESCRIPTION

The One Company project 'KIM' is being built in Winterthur Neuhegi near Neuhegi railway station. A total of 208 rental flats are being built with public-oriented uses on the ground floor.

THE PROJECT

From the first floor upwards, a timber construction will be realised by Implenia Holzbau. The façade in the inner courtyard and on the street side of the upper floors will be a rear-ventilated lightweight construction with bonded clinker brick slips, while the street-facing ground floor will have a prefabricated concrete façade.

The entire planning and construction is being carried out using BIM (Building Information Modelling).

SERVICES IN DETAIL

Execution as general contractor Implenia Schweiz AG, Buildings Prime, Dietlikon

CHALLENGES

Due to the workshop planning of timber construction using BIM as well as the low tolerances in the execution, a relatively timely detailed execution planning is required.

SUSTAINABILITY

The client is aiming for Minergie-P certification and is relying on strong thermal insulation, good air tightness of the building envelope and a photovoltaic system on the roof of the building.

FURTHER INFORMATION

Photos: Jusuf Supuk

FACTS

| Location | Neuhegi , Winterthur , Switzerland |
|---|------------------------------------|
| Status | completed |
| Construction volume (value of our services) | 82 M CHF |
| Start of construction | June 2019 |
| Completion | April 2022 |
| Building owner | Swiss Life AG, Zürich |
| General management | Implenia Schweiz AG |
| Project management | Implenia Schweiz AG |
| Architect | BDE Architekten GmbH, Winterthur |
| Construction management | Implenia Schweiz AG |
| Plot size | 6400 m ² |
| Number of upper floors | 7 |
| Number of basement floors | 2 |
| Number of flats | 208 |
| Construction management | Implenia Schweiz AG |
| Generalunternehmer | Implenia Schweiz AG |
| Measurement, control and regulation technology (MCR)/Building automation (GA) planner | Planovita, Gisikon/Opfikon |
| Heating-ventilation-air- conditioning-sanitary (HVACS) planner | Planovita, Gisikon/Opfikon |
| Heating Ventilation Air Conditioning (HVAC) planner | IBG Engineering AG, Winterthur |

| Brandschutzplaner | Pirmin Jung Ingenieure AG, Rain |
|-------------------|---------------------------------|
| Bauingenieur | Jauslin Stebler AG, Winterthur |
| Bauphysiker | Pirmin Jung Ingenieure AG, Rain |
| Holzbau | |
| | Pirmin Jung Ingenieure AG, Rain |

SUSTAINABILITY



Minergie-P

SERVICES

| New constructions |
|------------------------------|
| Timber construction |
| Modular construction |
| Carpentry |
| Building technology planning |



https://implenia.com/en/references/detail/ref/kim-41/

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