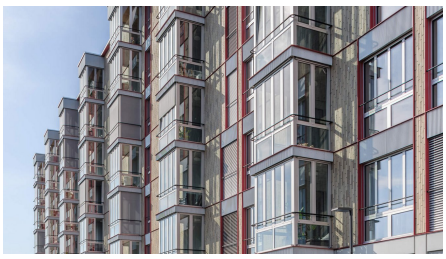
Reference

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
General contractor	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

Fire protection planner	Pirmin Jung Ingenieure AG, Rain
Civil engineer	Jauslin Stebler AG, Winterthur
Building physicist	Pirmin Jung Ingenieure AG, Rain
Timber construction	Pirmin Jung Ingenieure AG, Rain

SUSTAINABILITY

MINERGIE-P®

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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