Winterthur Lokstadt Krokodil

SHORT DESCRIPTION

The four-sided perimeter block development with parking garage on the 1st basement level is planned on 3 sides with 6 floors.

THE PROJECT

Towards the central dialog square, 8 floors with condominium ownership will be realized. The central square will be densely planted with trees and the inner courtyard will be implemented as a green oasis with many native plants. The entire planning and execution is realized as BIM (Building Information Modeling) 3D. The walls are of frame construction and produced as elements in Rümlang. The floor slabs are made of CLT panels with an additional split fill.

SERVICES IN DETAIL

- Wood construction design
- Element production
- Assembly work from construction to and with wooden facades

CHALLENGES

The structure of the crocodile is planned as a timber construction from the first floor upwards. The construction method saves gray energy compared to conventional solid construction and thus supports the sustainability goals.

SUSTAINABILITY

Minergie-P, 2000-watt society, SIA energy efficiency path

FURTHER INFORMATION

Client Implenia Immobilien AG CH-8400 Winterthur

Architect ARGE Baumberger & Stegmeier Architekten and KilgaPopp Architekten CH-8400 Winterthur

Hager Partner AG CH-8032 Zurich

Engineer Dr. Grob & Partner AG CH-Winterthur

Building physics Pirmin Jung Ingenieure AG CH-6026 Rain

Timber construction engineer Timbatec Holzbauingenieure Schweiz AG CH-8006 Zurich

FACTS

Location	Winterthur , Switzerland
Status	completed
Construction volume (value of our services)	17 M CHF
Start of construction	May 2018
Completion	June 2020
Building owner	Implenia Immobilien AG, Winterthur
Architect	ARGE Baumberger & Stegmeier Architekten und KilgaPopp Architekten, Winterthur; Hager Partner AG, Zürich

SUSTAINABILITY

2000 Watt Areal

MINERGIE-P®

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SERVICES

Timber construction

Building technology planning

https://implenia.com/en/references/detail/ref/winterthur-lokstadt-krokodil/

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