

## 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

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

## SUSTAINABILITY



## SERVICES

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Timber construction

Building technology planning



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

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