

DEGELO ARCHITEKTEN



ERLENMATT OST BUILDING 5

Location

Address: Signalstrasse 41/43, CH-4058 Basel, Switzerland

The live-in studio house is building 5 of the site development Erlenmatt Ost, north of the Badischer Bahnhof train st

Brief description

The four-storey building with 17 live-in studios is reduced to the bare essentials. The open residential and work spaces can be furnished individually, a sanitation unit with WC, shower and sink as well as the freestanding kitchen units oven, sink and refrigerator provide the basis. Dividing walls can be erected and taken down again at will. This concept made the target of CHF10,- rent per square metre per month possible; half of the usual rate. And the concept adapts to every possible living and working situation. Singles, families or modern studio lofts - a space is provided where artists and their housemates can live and work.

Energy concept

The building does not have a heating system which contributes to a reduction of CO2 emissions. The 80 cm strong external walls from insulating brickwork make for a significant storage mass. The building climate is optimised by the inert building mass and controlled ventilation hatches. As a result, comfortable temperatures throughout the year can be maintained. In winter the hatches open to vent stale air and in summer they let the night-time freshness in. The deep window soffits protect in a natural way from overheating during summer without additional screening from the sun being needed. Wooden balconies on the south-western side also contribute to heat protection in summer and extend the residential area towards the courtyard with their solid-oak balustrade. The building envelope therefore meets the Swiss Minergie-P standard. Hot water is warmed by a heat pump. The roof is covered with a communally used photovoltaic system. The electricity from this system feeds into Switzerland's largest private consumption network and into the power supply of the house itself.

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Parties involved

Client	Coopérative d'Ateliers
Architect	Degelo Architekten, Basel
Project management / Site supervision	Degelo Architekten, Basel
Structural engineering	Rapp Infra AG, Münchenstein
Electrical planning	K. Schweizer AG, Allschwil
Concept automated window ventilation	T.A.U. GmbH, Lustenau
Sanitary planning	Rapp Gebäudetechnik AG, Münchenstein
Acoustics planning	Gartenmann Engineering AG, Basel
Geology	Kiefer & Studer AG, Reinach

Dates

Planning permission	November 2018
Start of construction	May 2018
Completion	February 2019

Key figures

Building height	16 m
Building volume	10,890 m ³
GFA	2,627 m ²
GIA	1,970 m ²
Investment costs	CHF4,330,000.-
Investment costs / GFA	CHF1,648.-
Investment costs / GIA	CHF2,198.-

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