Mehrfamilien-Passivhaus





SHORT DESCRIPTION

Construction of the first multiple-occupancy passive house in Thuringia with twelve residential units.

THE PROJECT

The four-storey residential building – comprising twelve individual residential units – constructed by the Jena Buildings branch in the eastern district of Jena is the first multiple-occupancy passive house in Thuringia. Its energy consumption is less than 15 kilowatt hours per square metre per year. This project for jenawohnen GmbH was a further chapter in the long history of successful cooperation with the largest urban housing association.

The passive house features a ventilation system that uses waste heat from the living spaces to heat its rooms, walls with 30 cm of insulation, a solar thermal energy system on the roof, and triple-glazed windows filled with krypton gas.

FACTS

Location	Kunitzer Straße , Jena , Germany
Status	completed
Construction volume (value of our services)	1.6 M EUR
Start of construction	October 2010
Completion	February 2012

Contracting entity	jenawohnen GmbH
Architect	Architekturbüro Wendrich
Plot size	864 m^2
Living area	1600 m^2
Number of upper floors	5
Number of flats	12
Number of parking spaces	18

SERVICES

Schlüsselfertiges Bauen

Real Estate

Hochbau (Deutschland)

https://implenia.com/en/references/detail/ref/multiple-occupancy-passive-house/

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