

## 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

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

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

## SERVICES

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Schlüsselfertiges Bauen

Real Estate

Hochbau (Deutschland)



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

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