

Object name

Apartment house Casa Nova



Germany

Object photo



Object description

The Solitaire is built within an urban settlement and is ostentatiously designed in a cubic form. There are two flats per floor. The building achieves passive house standard and was certified: "Quality Approved Passive House, Dr. Wolfgang Feist".

This project, built 2001, is one of the role models to the energy efficient standard 'passive house'.

Fact sheet

Apartment house in 89077 / Ulm

Treated Floor Area	870 m ²
Number of apartments	10
Completion date	2001

Energy standard [PHPP]

Heat requirement / year	15 kWh/m ² a
Heat load	-- W/m ²
Primary energy requ.	112 kWh/m ² a
Air-tightness (n ₅₀ -value)	0,21 1/h
Building type	massive construction

U-value

Exterior wall	0,14 W/m ² K
Roof	-- W/m ² K
Basement floor /	0,12 W/m ² K
Floor slab	
Windows / average	0,8 W/m ² K

Specification ventilation system

Specific modular system

Heating installation

District heating

Construction costs	-- Euro/m ²
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Building owner

Casa Nova GmbH

Architect/Planner

Casa Nova GmbH

Photo credits

Casa Nova