

KEY DATA FOR THE APARTMENT BUILDINGS IN HEIDELBERG

Client	Student Union Heidelberg
Scope of Project	Turnkey Building
Building Class / Classification (Fire protection)	4

Completion	2013
Ready for Occupancy	5 months after completion of foundation slab

Energy supply	Air Water Heat Pumps, Photovoltaic (PV)
Energy efficiency	KfW40
Primary energy demand	20.9 kWh / m ² / a
Final energy demand	16.1 kWh / m ² / a
Final energy demand whole building	ca. 96.600 kWh / a
Performance PV system	120.96 kWp
Annual yield from PV system	ca. 98.000 kWh

Gross floor area	7.610 m ²
Number of bed spaces	265
1 / 2 / 3 / 4 Room Apartments	93 / 35 / 18 / 12
Study and reading rooms	9
Porter	1
Technical rooms	3
Service rooms	2

Material Walls	cross-laminated timber
Material Facades (exterior/interior)	fibre cement boards
Material Staircases	exposed concrete
Material Floors	concret and cement screed with underfloor heating

Modular construction	Assembly of prefabricated components, delivered just in time, to the field factory line directly adjacent to the building site. Finally, positioning of the modules on the construction site to complete the building.
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