

Object name

Office building in Bad Aibling

Germany

Object photo



Object description

The office building in Bad Aibling (Bavaria) is built as a pile construction with space for the building services and an archive in the basement.

The headquarters of Lebensraum Holz is a timber construction and all building materials are chosen under the aspect of their environmental compatibility.

A central ventilation system with heat recovery provides the air supply. The heat demand is covered by heat from a district heating network which is fired by wood shavings.

Fact sheet

Office building in 83043 / Bad Aibling
Treated Floor Area 361 m²
Number of apartments 2
Completion date 2007

Energy standard [PHPP]

Heat requirement / year 15 kWh/m²a
Heat load 13 W/m²
Primary energy requ. --- kWh/m²a
Air-tightness (n₅₀-value) 0,5 1/h
Building type Timber construction

U-value

Exterior wall 0,13 W/m²K
Roof 0,10 W/m²K
Basement floor / Floor slab 0,12 W/m²K
Windows / average 0,72 W/m²K

Specification ventilation system

Central ventilation system with heat recovery

Heating installation

District heating

Construction costs --- Euro/m²

Building owner

Lebensraum Holz

Architect/Planner

Architekturbüro Ulrike Altenried

Photo credits

Lebensraum Holz, Bad Aibling