

Object name

**Volksschule Wörgl****Austria**

Object photo



Object description

The elementary school Wörgl got enlarged with an addition of another floor and an annexe of three floors. This resulted in additional class rooms.

The city of Wörgl obligated the standard of A+ for public buildings. At this building the additional top floor and the annexe could be realised in passive house standard. This offers a maximum of comfort for the pupils and teachers by a minimum of operating costs.

Fact sheet

**School in 6300 / Wörgl**

Treated Floor Area	1,262 m <sup>2</sup>
Number of apartments	---
Completion date	2008

**Energy standard [PHPP]**

Heat requirement / year	15 kWh/m <sup>2</sup> a
Heat load	8.7 W/m <sup>2</sup>
Primary energy requ.	97 kWh/m <sup>2</sup> a
Air-tightness (n <sub>50</sub> -value)	0,50 1/h
Building type	Timber construction

**U-value**

Exterior wall	0,11 W/m <sup>2</sup> K
Roof	0,12 W/m <sup>2</sup> K
Basement floor /	--- W/m <sup>2</sup> K
Floor slab	
Windows / average	0,77 W/m <sup>2</sup> K

**Specification ventilation system**

Central System

**Heating installation**

Biomass, solar collector

Construction costs --- Euro/m<sup>2</sup>**Building owner**

City of Wörgl

**Architect/Planner**

Moritz &amp; Haselberger

**Photo credits**

Herz&amp;Lang GmbH