

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 ²
Number of apartments	---
Completion date	2008

Energy standard [PHPP]

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

U-value

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

Specification ventilation system

Central System

Heating installation

Biomass, solar collector

Construction costs	--- Euro/m ²
--------------------	-------------------------

Building owner

City of Wörgl

Architect/Planner

Moritz & Haselberger

Photo credits

Herz&Lang GmbH