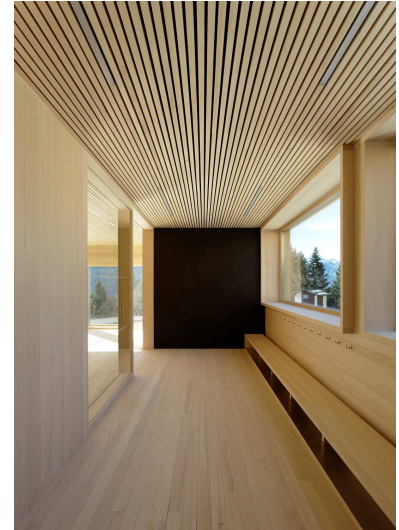


Object name

Community Centre St. Gerold**Austria**

Object photo



Object description

The existing situation is characterised topographically by steeply dropping southern slopes. Regional relations appear from beautiful views in the landscape of the mountains, the place gets structural reference in direct neighbourhood by the old schoolhouse as well as in the other surroundings by one-family buildings slope-sided and the Propstei (monastery) valley-sided.

The new building of the community centre is positioned as a 4-storey building laterally shifted to the schoolhouse. The building uses both existing even surfaces [the village-square to street level as well as the playground level] and places itself as a connecting element in between.

Schoolhouse and new building develop a spatial gate situation. The functions of the new community centre are stacked vertically and contain the areas of Kindergarden, children's game group, village shop, multipurpose room and municipality. The position of the areas of utilization develops itself from the frequency of the users as well as from the topographic allocation of the outside spaces.

The complex functional connections are brought together inside by simple spatial and constructive structures. Aimed set openings develop differentiated spatial situations with different views. The community centre is designed as a constructive timber building, the ground-touching support walls from reinforced concrete. The appearance of the first 4-storey timber building of Vorarlberg is determined by the change between uniform facade screen and aimed set openings and shows subtly the dynamism of the inside organization. All construction units of the house are from massive wood and come mainly from forests own to municipality. They are inserted completely untreated.

The compact volume is designed as a passive house and in energy-technical respect nearly self-sufficient. The building is already considered as a paradigm on the subjects of ecology, sustainability and native creation of value.

Fact sheet

Community Centre in 6722 St. Gerold
 Treated Floor Area **571 m²**
 Number of apartments ---
 Completion date **2008**

Energy standard [PHPP]

Heat requirement / year **12,8 kWh/m²a**
 Heat load **15 W/m²**
 Primary energy requ. **118 kWh/m²a**
 Air-tightness (n₅₀-value) **0,5 1/h**
 Building type **Wood construction**

U-value

Exterior wall **0,11 W/m²K**
 Roof **0,12 W/m²K**
 Basement floor /
 Floor slab **0,16 W/m²K**
 Windows / average **1,08 W/m²K**

Specification ventilation system

Central ventilation system

Heating installation

Deep ground heat pump

Construction costs **2.865,- Euro/m²**

Building owner

Gemeinde St. Gerold Immobilien-
 verwaltungs GmbH & Co KG

Architect/Planner

cukrowicz nachbauer Architekten ZT GmbH
 Bregenz

Photo credits

Hanspeter Schiess