

Timber structure for new Feld school building

Azmoos, CH



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Project details

Client	Politische Gemeinde Wartau
Architecture	Felgendreher Olfs Köchling
Project type	Education and research
Construction type	Wood element construction
Services	Timber construction
Construction	2019
Locality	Azmoos
Country	Switzerland

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The Feld school building is like a miniature village

The new school building was to replace the existing primary school building in need of renovation and provide space for the Azmoos and Trübbach pupils in years one through to six. The unconventional project by Felgendreher Olfs Köchling won the tender competition, which modelled the school building in the form of a small-scale village. It brings together local structures, architecture and operational functionality while also being sustainable and economical.

We were responsible for the timber planning, production and assembly of the two-storey school building in a wood element construction. All the classrooms and group rooms are arranged around the spacious hall in the middle of the building, forming something akin to a small village: nine classrooms with group rooms, one kindergarten, four workshops, an assembly hall, library, computer room, simple sports hall and side rooms. Natural ceiling lights and varying room heights ensure high quality spaces in the classrooms and group rooms. In form and style, the school building is based on the locality's original farm buildings and is clad with a facade made of larch strips varnished in dark tones. The objective was to use as much wood as possible from the municipal forest. The walls and roof are constructed with highly insulated timber panels. The new building meets the Minergie standard for sustainable construction, fulfilling the requirements needed by the municipality of Wartau for its 'Energierstadt' (energy city) label.

Specific Contact



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The unconventional architecture gives the school building a village feel.



Characterful interior finishing in timber with natural light coming from above.

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Lots of natural light and plenty of timber create comfortable temperatures and good air quality.

Natural light streams into the gym through the high rows of windows.



Varying ceiling heights ensure high-quality spaces

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Wood from the municipal forest was used for the school building.



Timber also defines the design of the classrooms in the Feld school building.