

# Mattenbach apartment buildings

Grub, CH



## Project details

Client	Pension fund Bühler
Architecture	Ammann Partner AG
Project type	Residential construction apartment building
Construction type	Wood element construction
Services	Timber construction
Own products	Fassaden
Construction	2015
Locality	Grub
Country	Switzerland

## Innovative Appenzell tradition

The private consortium 'tschungge\_9035' developed a new type of Appenzell building for the Mattenbach apartment buildings. In Grub in the canton of Appenzell Ausserrhoden, three apartment buildings with a total of 24 attractive apartments were built in the traditional Appenzell style. Yet the timber construction behind them is modern and the energy concept innovative. The natural wood material creates a regulated room climate and has the added benefit of being highly energy and cost efficient.

The semi-basement is made of reinforced concrete and masonry, as is the stairwell and lift core that serve as earthquake-resistant reinforcement for the building. From the ground floor up, wood elements are used for the residential floors, the roof, the facades and the apartment and interior partition walls. These components were prefabricated and insulated by us at our plant. In addition, the wall elements were fitted with multiple layers of cladding in accordance with the high noise and fire protection standards. One particular highlight in the interior rooms of the modern living spaces is the visible Lignatur ceiling elements that are varnished in white or with a UV blocker.

The timber construction is made from spruce. The facade is rear ventilated and covered with pressure-treated spruce cladding. The building services facilities meet the Minergie standard and the entire residential complex is step free and wheelchair accessible.

## Specific Contact



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Traditional construction reinterpreted – Appenzell buildings in a modern timber construction technique.



The rear-ventilated facade consists of pressure-treated spruce cladding



The architecture of the modern apartment buildings incorporates typical elements found in Appenzell buildings, such as the geometric grid of the facade.

The entire Mattenbach complex with 24 apartments is step free and wheelchair accessible.

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The energy-efficient timber construction that meets the Minergie standard regulates the room climate in a natural way.