

Modular W extension building for Talhof school

Winterthur, CH



Project details

Client	Stadt Winterthur, Departement Schule und Sport
Architecture	Bauart Architekten und Planer AG
Project type	Education and research, Temporary buildings
Construction type	Modular construction
Services	General contractor services (GC)
Construction	2022
Locality	Winterthur
Country	Switzerland

Building more high-quality classrooms quickly with a modular timber construction

In collaboration with the architecture partner Bauart Architekten und Planer AG, Blumer Lehmann won the general contractor competition run by the city of Winterthur with its proposal for second-generation Modular W school buildings. Following on from Langwiesen school, Talhof school also received a Modular W extension for the 2023/2024 school year – thereby quickly creating more space for the steadily increasing number of pupils.

For several years now, the city of Winterthur has been addressing the shortage of school space with the Modular W programme. The second generation of these versatile modular school buildings is now in use. Blumer Lehmann planned and built the modular extension building for Talhof school. The two-storey modular timber construction complements the existing facility without requiring any significant alterations to the outdoor area. At the Blumer Lehmann factory in Gossau, the timber modules were prefabricated and extensively fitted with electrical and technical systems, along with many interior design elements. The basic modules measure 7.2 m x 3.6 m. This ratio of two to one allows the modules to be arranged flexibly – up to three storeys high. On Talhofweg, the modules together form a two-storey building with two classrooms and three group rooms. With its pre-greyed facade, the extension building blends seamlessly into the existing school complex. Inside, colourful elements provide orientation and create openness.

An effective low-tech ventilation system uses the corridor as an air duct. The building meets the Minergie-P-Eco standard. A heat pump and photovoltaic panels supply electricity for heating, cooling and ventilation.

Specific Contact



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The facade of the school building has a simple design with pre-greyed timber.



The design features plenty of blue inside the extension building, creating a welcoming atmosphere.



Schoolchildren and teachers can enter the school building via stairs or an accessible ramp.

The spacious school corridor, painted in a welcoming blue, also serves as a cloakroom

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The installations required for controlling heating, ventilation and air conditioning are housed in the technical room, where they are easily accessible



A lift inside ensures barrier-free access.



Lines, spacing, alignment – an effective facade design was achieved using simple means.