

WOOD CONSTRUCTION & FACADES

Trees, beams, balls

The State Garden Show in Wangen im Allgäu has also given rise to a new building. Built amidst old trees and in harmony with nature, the sports hall designed by Steimle Architekten serves as a center for movement and encounters. Behind the restrained design language, materiality and color scheme, a colorful potpourri of functionality blossoms.

The 2024 State Garden Show attracted more than one million visitors to Wangen. The town had been preparing for this major event for years and used it as the perfect opportunity to restructure areas and make changes to the urban planning context. A new district sports hall replaced a multi-purpose temporary building, which had served faithfully for 70 years, as a central connecting element between several educational buildings. As the winner of the architectural competition, Steimle Architekten succeeded in skillfully structuring the site and casually linking the surrounding area through the orientation of the building alone.

Alternating

With its generally accessible areas - foyer and cafeteria - the almost square, compact building opens up to the north, west and east, where a fairground named after the long-time head of the commercial schools and supporter of the school center Josef Dreier adjoins. The first floor has an open window front, while the floor above has a slatted façade that shields the changing rooms and two separate training rooms - for dancing and boxing - from the sun's rays and prying eyes. The opposite is true for the part of the building that houses the three-court sports hall: the skylight strip allows plenty of daylight into the hall, while the closed façade envelops the side walls.

Facts

Client

District of Ravensburg
www.rv.de

Contracting company

Fluck Holzbau GmbH, Blumberg
www.fluck-holzbau.de

Fink Duo GmbH, Nellingen
www.fink-duo.de

Lignotrend, Weilheim
www.lignotrend.com

Products used



Lignovit Platin

Close to nature

The Ravensburg district's guidelines for sustainable construction were put into practice for the first time during the construction of the new sports hall. Only certified ecological building products were used: Recycled concrete, PVC-free materials, local wood - and, of course, the corresponding sustainable, environmentally friendly coatings. Steimle Architekten were able to rely on the expertise of ADLER. Whether façade or windows, beams or panels, inside or outside, active substance-free wood finishes were used everywhere. A "green thread" literally runs through the building design: the façade lamellas made of regional silver fir and designed by Fluck Holzbau with **Lignovit Platin** in Namib brown are framed by a slim grid in Lignovit Platin Aventurine green. The timber construction experts from the Black Forest purchased a coating system especially for processing the ADLER products! Fink Duo from Nellingen finished the spruce windows with **Aquawood Covatop XT** traffic or black-grey on the outside and Aquawood Nativa in the color fir on the inside over the active ingredient-free primer coat and Intermediate coat. **Lignovit Interior UV 100** in the same whitish shade was applied to the acoustic ceilings and cladding from Lignotrend in order to preserve the natural beauty of the light-colored spruce and silver fir wood. The entire load-bearing structure made of Pollmeier BauBuche and the spruce-BSH beams in the sports hall, which were all coated with **Lignovit Color WF** in the color "sandpaper" specially selected by ADLER, provide the green splash of color inside. The commitment to completely substance-free, baubook-compliant construction has proven its worth: Indoor air measurements certify that the sports hall has a much lower VOC and formaldehyde load than is usual in buildings of this kind.

Inviting

The roof of the sports hall will also be green in future, where Allgäu seeds have been sown around a photovoltaic system to create a meadow area and thus a habitat for small animals. As the new heart of the campus grounds, a place has been created where everyone feels comfortable, which brings together the more than 2,000 students whose paths cross at the site and also offers space for club sports in the evenings. A space of the highest quality that is open, friendly and inviting to people - because, in the spirit of Josef Dreier, you simply like them!



Aquawood Covatop XT 20



Lignovit Interior UV 100



Lignovit Color STQ WF

Title

