Partner of Stora Enso

Hallwang Primary School
Hallwang, Salzburg

In the province of Salzburg, Austria about 80% of newly built schools and kindergartens are currently made of wood. Wood is also unbeatable in terms of fast construction time, even for large-scale building projects.

Wood offers incredibly quick construction times (at least 30% faster than building with concrete and steel). A fast build was the request of the building owner (the Municipality of Hallwang) who needed the school built in one year. (The primary school had to move to a container school in the meantime).

When the finished wall and roof elements were delivered from the Stora Enso mill to the construction site, Innovaholz was able to assemble the wooden elements directly from the truck to accelerate the construction time.

The prefabricated walls and roofs in the classroom area were executed in visible quality and were therefore only clad where it was necessary from a building physics point of view.

Leaving the wood exposed had other advantages.

Since children and teachers spend 90% of their time indoors, it is crucial to create an environment that contributes to their well-being. The design of a school affects how people learn and develop in it. The right architectural design can encourage more collaboration and creativity, and creates an environment that makes it easier and more pleasant to concentrate.

There is growing evidence that biophilic design is directly related to improved learning, memory, emotions and social intelligence. Biophilic design simply means incorporating elements from nature into the building.

General

Delivery year
2017

Building type
Education

Area (m²)
3810

Storeys
2

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Products

Products
CLT

Product quality
VI

Product volume (m³)
300

Product delivery duration (weeks)
32

Number of truck deliveries
4

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Team

Partner of Stora Enso
DMH

Developer
Municipality of Hallwang

Architect
LP architektur ZT GmbH

Structural Engineer
Lackner & Egger Bauingenieure
(Markus Lackner, Markus Egger)

Main contractor
Innovaholz GmbH

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Others

Construction duration (months)
8

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