



StoraEnso

Volksschule Ybbs an der Donau

Ybbs an der Donau, Austria

The construction of this primary school in Ybbs an der Donau, was completed in 2009, and is an early example of mass timber architecture. Designed by Architekturbüro Grundstein, the school showcases the innovative use of cross-laminated timber (CLT). This project utilized Sylva™ CLT Floors and Roofs and Walls.

The application of [Sylva™ CLT Floors and Roofs and Walls](#) provided several advantages. The material's high load-bearing capacity allowed for the creation of large, open spaces within the school, promoting a flexible and adaptable learning environment. Additionally, the precision and quality of the prefabricated CLT elements ensured a swift and efficient construction process, reducing on-site labour and minimizing waste.

One of the most significant benefits of using CLT in construction is its low carbon footprint. As a renewable resource, timber is a sustainable alternative to traditional building materials such as concrete and steel. The natural properties of wood, including its ability to regulate humidity and temperature, contribute to a comfortable and inviting atmosphere for students and staff alike.

Health and Wellbeing

The use of wood in schools has been shown to have numerous benefits for the health and wellbeing of students. Studies have demonstrated that wooden environments can reduce stress, improve mood, and enhance cognitive function. The natural aesthetics of wood, with its warm tones and organic textures, create a calming and nurturing atmosphere that is particularly beneficial in educational settings.

Would you like to view more educational facilities made with a Sylva kit?

[VERBUND Hydropower - Apprentice Campus](#)

[KIGA II Ybbs Kindergarten](#)

Why are so many educational facilities (on fixed budgets) made with Sylva™?

10 advantages of building with mass timber available soon in German. [Subscribe to our news and updates to be the first to receive a copy.](#)

School Concept by Stora Enso

Let's build a learning environment for the next generation. [Click here to learn more about our school concept.](#)



StoraEnso

General

Delivery year

2009

Building type

Education

Storeys

3



Photo credit: Ing. Pöchhacker GmbH

Products

Products and Services

Sylva™ CLT Floors and Roofs,
Sylva™ CLT Walls

Product volume (m³)

330

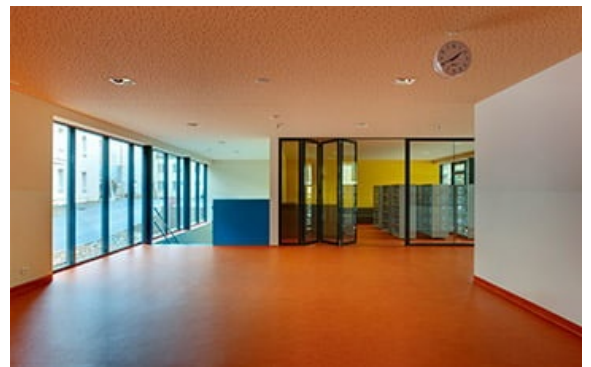


Photo credit: Ing. Pöchhacker GmbH

Team

Architect

Architekturbüro Grundstein

Main contractor

Ing. Pöchhacker GmbH



Photo credit: Ing. Pöchhacker GmbH

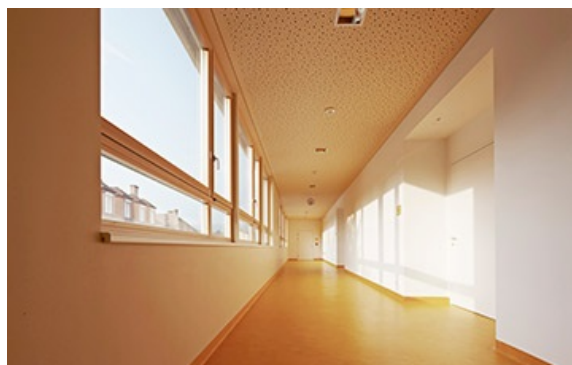


Photo credit: Ing. Pöchlacker GmbH