StoraEnso

Partner of Stora Enso

Pavilion | Children’s Camp Révfülöp, Hungary

Designing a building for a community, for children, a place for teaching and for playing, is always a great joy and a challenge. Especially when the location is "Paradise" and the client is committed to environmental sustainability.

The "Pavilion" is an educational, community building for a children's camp on the shore of Lake Balaton. In case of bad weather, it is a shelter, a tent, at other times a place for playing and learning together. The Pavilion is a "house" shaped building.

The archetype of the house. It is not pretentious; it doesn’t have superfluous gestures. It needs no explanation; it is immediately understandable. Our concept was to design a one-direction house. A long house, with one focus, and that is the end of the house itself, like the lens at the end of a telescope. The house itself gives protection; it surrounds you. The view is to nature and to Lake Balaton.

The Pavilion has three parts: the long house, the short building, and the terrace between the two, which is the open, free space, which becomes an integral part of the Pavilion. The long house -which is originally a single space, was broken up and the smaller members were twisted out. The transfer of the two parts creates the entrance and the communal space.

The house has a single-point-of-direction structure, which helps to focus on the activities inside. The long house can also be divided into two rooms. The terrace is covered by sun sails to protect it from the summer heat. The building complex and the terrace opens up towards Lake Balaton, which reinforces that the Pavilion is an integral part of the nature.

Application of Rib Panels

The structures of the Pavilion are built with natural and renewable materials. It is Hungary's first CLT Rib Panel building. Ribs were used in an innovative way here and can be described as "turned inside out". This means that the Rib Panels face outwards. This allowed the natural cellulose-based insulation to be blown in between the Ribs on the outside. All mechanical and electrical wiring was routed between the ribs of the fibre-cement clad structure.

The interior design is clean, with industrial wood surfaces and natural materials. To break up the long space and for practical reasons, we added an interior ribbed panel that could be used as furniture, which also shows the structure of the Pavilion. The floor is covered with natural linoleum.

It is an “honest house”. We didn't cover it, we just protected it from the elements. The almost white fibre cement cladding runs from the walls to the roof. The structure is thermally insulated with natural materials, and the ventilated air gap provides protection against excessive heat. The building is elevated from the ground, so the Pavilion and terrace itself is a "floating house".

Learn more about Rib Panels by Stora Enso

Operational Energy

Heating is partly floor heating and partly by air heating to provide fresh air. Cooling is provided by a passive solution with ventilated air gaps, but we have also designed a mechanical solution for extreme weather conditions. The trees and vegetation around the Pavilion itself create a natural shading.

Accessible
The Pavilion is accessible. In addition to the stairs, there is a ramp to the terrace.

StoraEnso

With its easy-to-understand shape, healthy interior, natural materials and tactile wood surfaces, the Pavilion is a welcoming space for children's activities, that can inspire future generations towards a healthier, more nature-loving world.

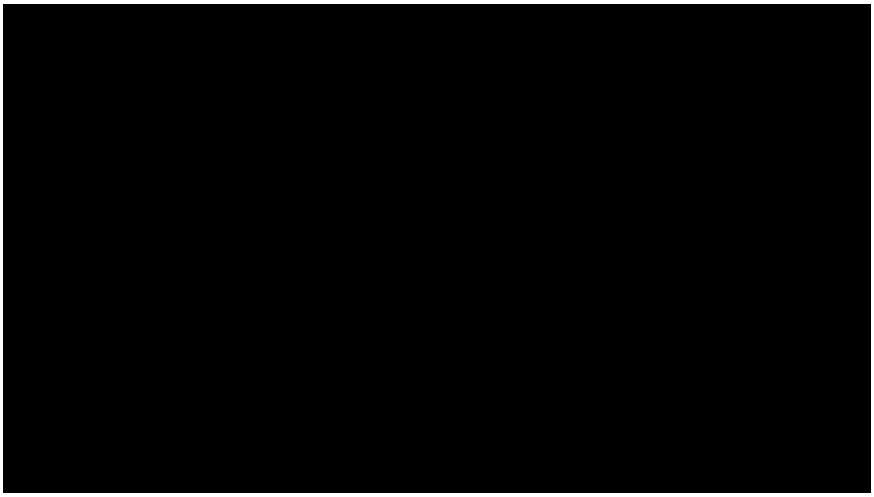
Text provided by CLT Innowood.

Publications:

Pavilion – BIG SEE

Octogon Architecture Magazine

Rib Panel technical details



BIG SEE Architectural Award 2025

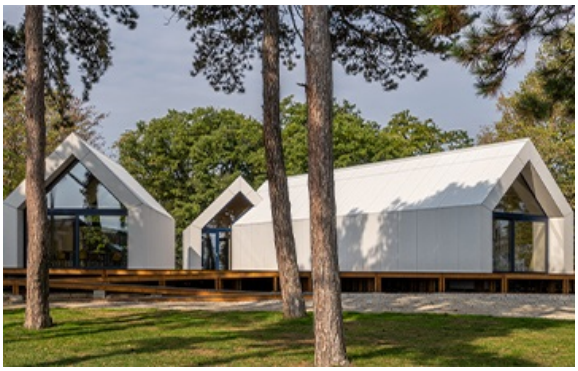


Photo credit: ©Zsolt Hlinka

General

Delivery year

2022

Building type

Education

Area (m²)

161

Storeys

1

Units

1

Products

Products and Services

Rib Panels, Sylva™ CLT Floors and Roofs, Sylva™ CLT Rib Floors, Sylva™ CLT Walls, LVL Cover Boards, Sylva360™

Product quality

PEFC certified, Surface Grades: IBI, INV and NVI

Product volume (m³)

259

StoraEnso

Team

Partner of Stora Enso

CLT Innowood

Developer

MCC — Mathias Corvinus Collegium

Architect

Páricsy and Partners Architects

Structural Engineer

Krisztián Főző, László Szőnyi

MEP Designer

HÉT Engineer Office

Main contractor

GB Group

Specialist Timber Subcontractor

GB Group

Timber Engineer

CLT Innowood Hungary