

# New construction lido Hopfräben, Brunnen

2021



The entrance area of the Badi Brunnen was redesigned. Large-format panels made of cross-laminated timber cover the entrance area. The joint grouting on the face side with TS3 technology allows a wide column grid.

## The project

The popular Hopfräben lido is getting on in years. years, which is why the outdoor facilities were extensively renovated. As part of three floating roofs with TS3 technology were built over the operating and changing with TS3 technology. An organically curved main roof emphasizes the inviting entrance and shades the restaurant's seating areas of the restaurant. The sustainable and cost-effective timber construction and the structured arrangement of the rooms ensure comfortable use and efficient efficient operation.

## The construction

Thanks to the joint grouting on the face of the CLT panels, the roofs appear to float. The CLT panels rest on stubby columns with a grid of 8x8 meters.

## The challenges

The Beach pool roofs were grouted in winter at low temperatures. Therefore the winter construction measures came into play during the grouting process.



Covered bistro in the lido



Bird's eye view of the lido



Outdoor area



Checkroom area lido

### Construction data

- Gross floor area: 899 m<sup>2</sup>
- Cross laminated timber: 163 m<sup>3</sup>
- TS3 technology: 265 linear meters

### Architecture

Steiner Architektur GmbH

### Client

Gemeinde Ingenbohl-Brunnen

### Timber engineer

Timbatec Holzbauingenieure Schweiz AG

### Timber construction

Dettling Holzbau AG

### Construction management

Steiner Architektur GmbH

### Photography

Steiner Architektur GmbH

### CLT manufacturer

Schilliger Holz AG, Küssnacht