

Carport, Nottwil

2020



A carport was built on an existing garage in Nottwil using TS3 technology with a column grid of 5 meters.

The construction

The 140 mm thick CLT panel forms the roof. The panel consisting of two individual parts was cast on site using TS3 technology to form an area of 37.5 m². Supported the ceiling is supported by 2 columns at a distance of 5 meters.

The challenges

With a thickness of 140 mm, the panel is relatively thin. In addition, this project was the the first time the X-Fix from SCHILCHER Trading & Engineering - GmbH was used.



Construction data

- Number of floors: 1 roof
- Gross floor area: 37.5 m²
- Cross laminated timber: 5.25 m³
- TS3 technology: 8 linear meters of joints

Architecture

Builder

Client

private

Timber engineer

Schilliger Holz AG, Küssnacht

Civil engineer

Timber Structures 3.0 AG

CLT manufacturer

Schilliger Holz AG, Küssnacht