

# New building workshop, Matzingen

2019

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Domestic wood dominates at the new works yard in Matzingen. The building was completed after a construction period of around one year and was officially inaugurated at the end of September 2019.

## The project

The new, modern works yard provides the municipality of Matzingen with the necessary infrastructure to meet the high demands. Thanks to local wood and local craftsmanship, the added value remains in the region. The light-flooded rooms provide the employees with contemporary workplaces.

## The construction

The entire workshop, including the supporting structure and all surfaces, is made of wood. The office section was built using prefabricated elements. The workshop is designed as a hall construction and is column-free. The floor slabs of the office section consist of horizontal glulam elements. The roof is designed as a box girder element. The roof in the workshop was also designed as a box girder element.

## The challenge

Timbatec paid special attention to the visible wood surfaces. During the planning and construction work, it was always important to take into account that the mostly native wood was not clad or painted.



Visible wooden surfaces inside the work yard



Large gates attached to the wooden structure (Lucas Peter, Zurich)



Detail support



Support beam on column

#### Construction Data

- Gross floor area: 650 m<sup>2</sup>
- Office: Glulam elements installed on the floor slab
- Roof: Box girder
- Workshop: Roof box girder

#### Construction costs

- BKP 1-9: CHF 2.65 million
- BKP 2: CHF 600'000
- BKP 214: CHF 600'000

#### Services of Timbatec

- SIA Phase 31 Preliminary project
- SIA Phase 32 Construction project
- SIA Phase 41 Tendering and comparison of offers
- SIA Phase 51 Implementation project
- SIA Phase 52 Execution
- SIA Phase 53 Commissioning
- Statics and construction
- Technical planning for fire protection

#### Client

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