

# Production hall von Siebenthal Holzbau AG, Mauren TG

2022

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The company von Siebenthal Holzbau AG from Mauren TG has extended its premises with the construction of the new production hall.

## The project

The timber construction company von Siebenthal Holzbau AG from Mauren TG has enlarged and modernized the production with the new building. The new production hall has a dimension of 30m x 100m and was built in timber construction. According to the fire protection standard, smoke and heat exhaust openings of about 30m<sup>2</sup> had to be installed in the roof level. In addition to the 30m<sup>2</sup> smoke and heat vents, the existing fire alarm system had to be extended to include the new building.

## The construction method

The exterior walls were built in timber frame construction. The roof structure consists of trusses spanned by coupling purlins.

## The challenge

In order to be able to do without a sprinkler system, the existing fire alarm system on the site was supplemented by the new production hall. In addition, smoke and heat vents had to be installed in the roof area, which had to function even in the event of a power failure.



Interior view production hall



Partitioning technical room



Canopy production hall



Assembly production hall

**Services of Timbatec**

- Fire protection planning
- Fire protection Quality assurance QSS2

**Client**

von Siebenthal Holzbau AG  
8576 Mauren

**Timber construction engineer**

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