

Logistikcenter Hug Baustoffe AG, Volketswil

2026



Hug Baustoffe AG's new logistics center has been built near the railroad tracks in Volketswil. The building features a basement, a high-bay warehouse, and a three-story office wing.

The project

The logistics center consists of two sections: an office wing with two upper floors and a single-story warehouse. The loading area for the high-bay warehouse is located beneath the office wing and to the side of the warehouse. The basement houses a large parking garage. The project was planned and completed in a very short time.

The construction method

The high-bay warehouse was constructed using timber framing starting from the ground floor. Glulam beams span the nearly 28-meter-wide structure. The structure is braced using steel tie rods. Thanks to the timber construction, the building was erected in a very short time. The office wing stands on a concrete base. The floor slab, flat roof, and walls were constructed using prefabricated wood elements.

The challenge

The building is located directly next to the tracks and within the vicinity of a high-voltage power line. In areas where the building does not maintain the required distance from the high-voltage power line, the timber-frame structures had to meet stringent fire safety requirements (REI90-RF1).



Office section on a reinforced concrete base

Construction Data

- Building dimensions: 37 x 66 x 10 m
- Total floor area: 3'270 m²

Construction costs

- BKP 214: CHF 1.7 million

Services of Timbatec

- SIA Phase 31 Preliminary design
- SIA Phase 32 Construction design
- SIA Phase 41 Tendering and comparison of offers
- SIA Phase 51 Construction design
- SIA Phase 52 Construction
- SIA Phase 53 Commissioning
- Structural analysis and design



High-bay warehouse

Client

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