

Roof Terrace in Brütten, Zurich



Architectural challenges arising from building codes, the local landscape, and the client's interior design requirements, as well as nearly insurmountable technical challenges. TS3-PTS elements were manufactured accordingly, and in combination with TS3 technology, the roof load could be transferred to the exterior walls.

The project

The character of the town and neighborhood prompted the architect and the client to design a sloped roof. The client's architectural requirements regarding form, design, and privacy presented a challenge to the architect. The result is a sapphire that embraces the roof and completes it.

The Construction Method

Several TS3-PTS elements were joined at an angle to form a shapely roof covering, and the loads were transferred primarily to the exterior walls via slender steel columns.

The Challenges

The roof had to continue the architecture; the corresponding curves and angles had to be meticulously adapted to the building's volumes. TS3 technology and the corresponding TS3-PTS elements made this possible.



Construction data

- Gross roof area: 250 m²
- Cross-laminated timber: 40 m³
- TS3 technology: 87 m¹

Architecture

Ruedi Bass Architects, Zurich

Client

Private

Timber construction

Strabag AG, Lindau

CLT Manufacturer

Theurl Holz Steinfeld GmbH, Steinfeld