

References

References



Extension of the Kindergarten, Neuendorf , Neuendorf



Raiffeisenbank, Gebenstorf

The new Raiffeisenbank Wasserschloss building in Gebenstorf, designed by Merlo Architekten AG, utilises the TS3 skeleton construction method: Columns and wide-span, point-supported cross-laminated timber panels form the load-bearing structure, so that surrounding ribbon windows create an open and bright ambience. The wide-span load-bearing structure enables a flexible room layout for the counter hall and the office areas above, which are spread over the other three storeys., Gebenstorf



Increase of the care center Im Loo, Esslingen

The retirement and care centre in Esslingen needed additional space. Thanks to the innovative TS3 technology, the existing load-bearing structure could be taken over and the building extended by 2 storeys. The short construction time, use of regional timber and flexible room design thanks to TS3 technology make the building a showcase project for sustainable construction, Esslingen



Apartment houses Unterhub, Zollikerberg

In the case of the apartment buildings on the lower right bank of Lake Zurich, the advantages of TS3 technology and timber construction are both noticeable and visible: the construction method allows flexible room division and timber ceilings that run from the inside to the outside without complex cantilever connections., Zollikerberg



Semiramis V-Zug, Zug

In the Tech Cluster Zug, the sculpture Semiramis stands as a symbol for the connection between high-tech and nature. TS3 made a significant contribution to the fact that the complex wooden shells now seem to float weightlessly., Zug



KIJUZU, Zuchwil

In the midst of attractive living spaces for young families, a single-story wooden Zuchwil in the canton of Solothurn, a single-story wooden building is being constructed for the local childcare center., Zuchwil



Apartment house Bachstrasse, Buchs

On Bachstrasse in Buchs in the canton of Aargau, a multi-family house was built in timber construction, which was originally planned as a reinforced concrete structure. The TS3 technology made it possible to change the material in the planning phase., Buchs



Schoolbuilding, Richterswil

Due to the increasing number of students, the municipality of Richterswil has decided to expand the space available in the Feld 1 school building. This will create 1,542 square meters for classrooms, group rooms and a music room. music room., Richterswil



VIDIT canopy and shelter, Bubikon

Building for the future! A sustainable building with a healthy footprint - that is one of the most important objectives in the realization of the new building of HUSTECH Installations AG. The large spans of the canopy on the main building could be built relatively slim thanks to TS3 technology. be built., Bubikon



New construction lido Hopfräben, Brunnen

The entrance area of the Badi Brunnen was redesigned. Large format panels made of plywood cover the entrance area. The joint grouting on the face side with the TS3 technology allows a wide column grid., Brunnen



MFH Wehntalerstrasse 52, Zürich

The new replacement building at Wehntalerstrasse 52 in Zurich-Unterstrass has eight apartments of different sizes. The ecological aspects as well as the longevity are of great importance for the Generationenhaus W52. The slabs of all storeys are made of TS3., Zürich



Pheasant Court, Frenkendorf

In Frenkendorf, the first four-story column-and-plate construction made of wood. Thanks to TS3, the building once planned in concrete can be built in wood. The planning with the multi-axis The planning with the multi-axial load-bearing cross laminated timber panels is similar to that for reinforced concrete., Frenkendorf



Blümlimattweg 15, Thun

At Blümlimattweg 15 in Thun, Switzerland's first multi-family apartment building with a basement made of wood with TS3 joints. The building is also the Living Lab of the DeepWood research project and has innovative approaches to building physics., Thun



Office building oN5, Vancouver

oN5 is the first TS3 building in North America. The oN5 office building pays homage to the beauty, structural performance and sustainability of solid wood., Vancouver



Pavilion Lokstadt, Winterthur

Where locomotives and machines were once built, a new urban district is now being created right next to Winterthur train station. In front of the house "Krokodil" a dome shaped pavilion roof with the TS3 technology was built., Winterthur



Flat roof Handl, Haiming Tirol

In the Austrian Tyrol, a 650m2 cross laminated timber panel with TS3 technology within two days. This is a world record: it is the largest continuous CLT panel., Haiming Tirol



Apartment houses Holleracher, Grossaffoltern

In Grossaffoltern in the Bernese Seeland region, four apartment buildings are being built using the new TS3 technology. This is the first residential development worldwide to use the innovative technology., Grossaffoltern



Carport, Nottwil

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



Anandia Canopy, Comox BC Canada

During a renovation and expansion of the Anandia Cannabis Center in Comox BC on Vancouver Island, Canada, TS3 technology was used for the new canopy., Comox BC Canada



Pavilion Restaurant Hirschenbad, Langenthal

Where once the people of Langenthal took a bath in the tin tubs, the Burch family spoils you today in the Hirschenbad restaurant. TS3 technology was used for the new pavilion., Langenthal



TS3 staircase at Naikoon Contracting, North Vancouver

In early January 2019, the first staircase was built using TS3 technology. The showcase project was built in Naikoon Contracting's new office building in North Vancouver., North Vancouver



Outdoor test stand at the Bern University of Applied Sciences, Biel

Supports, panels, done: In the courtyard of the Bern University of Applied Sciences in Biel, there is a permanent test stand with the new TS3 technology and the world's first face-bonded balcony. This clearly demonstrates the new possibilities for timber construction., Biel



Working platform Flück Holzbau AG, Wangen bei Dübendorf

Flück Holzbau AG has installed TW-Agil 3000, a joinery system that is unparalleled in Switzerland. unparalleled in Switzerland. For the processing of the cut timber elements Timbatec and TS3 with the construction of a wooden work platform. wooden working platform., Wangen bei Dübendorf



TS3 long-term practical trial at ETH Zurich, Zürich

In recent years, the novel Timber Structures 3.0 technology (TS3) has been developed. This technology enables timber components made of solid, glulam or cross-laminated timber to be bonded on the face side. This allows point-supported, multi-axis load-bearing panels or folded structures of any shape and size., Zürich



New construction MFH Berger, Thun

A four-story apartment building made of wooden elements is being built in the villa district of Lauenen in Thun., Thun