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References

References

Apartment building Luegisland, Schwamendingen

In Zurich's Schwamendingen district, the Luegisland apartment building is an innovative replacement construction on a very small site, impressing with its sustainable timber construction, urban finesse, and functional design., Schwamendingen

Apartment building at 211 Zollikerstrasse, Zürich

The new building is based on a pure TS3 skeleton construction with point-supported flat slabs—completely without beams. The floors, made of continuous CLT panels, connect interior and exterior spaces both visually and structurally. Balconies and living spaces flow seamlessly into one another—a key feature of the TS3 system. The ribbon windows emphasize the openness and provide light, views, and airiness—supported by the delicate load-bearing structure made from the TS3 cast resin composite system., Zürich

Residential and commercial building, Uetikon am See

Preliminary work on the new residential and commercial building at 137 Bergstrasse began in August 2024. Using TS3 technology, an open, three-story building with a steel frame is being constructed, featuring the new municipal and school library on the ground and basement levels, medical practice spaces for primary care on the first floor, and four rental apartments on the second floor., Uetikon am See

Roofing for the pool equipment building, Martigny

The municipality of Martigny built a new utility building for its swimming pool, complete with changing rooms and restrooms. The elegant and functional structure features a sleek TS3 flat roof. Without exposed beams, the roof structure appears very delicate, uniform, and light., Martigny

Barracks roofing, Chamblon

, Chamblon

New Replacement Building for Raiffeisenbank, Gebenstorf

The new Raiffeisenbank Wasserschloss building in Gebenstorf, designed by Merlo Architekten AG, utilizes the TS3 skeleton construction method: columns and wide-span, point-supported cross-laminated timber panels form the load-bearing structure, allowing for wraparound ribbon windows that create an open and bright atmosphere. The wide-span load-bearing structure allows for flexible interior design in the lobby and the office spaces above, which are distributed across the remaining three floors., Gebenstorf

Kindergarten Expansion, Neuendorf

, Neuendorf

Commercial construction logistics hall Weber, Seewen

, Seewen

Residential development Zelgstrasse, Uster

On Zelgstrasse in Uster, the developer UBS Sima is creating a pioneering residential neighborhood with a clear focus on environmentally conscious and forward-looking modular construction. Originally planned as a conventional construction project with 164 apartments, it evolved—thanks to an innovative competitive design process—into a flagship project for sustainable, rapid, and low-emission construction—with minimal noise and traffic impact. With the help of the TS3 system, the residential complex is being built in record time., Uster

Extension to Bahnhofstrasse, Busswil

The existing apartment building from the 1980s on Bahnhofstrasse in Busswil was extended with an extension and an attic storey was added. With the TS3 system, the extension was able to fully comply with building regulations without any loss of room height due to joists., Busswil

Expansion of the Care Center in Loo, Esslingen

The senior care center in Esslingen needed additional space. Thanks to innovative TS3 technology, the existing structural framework could be reused, and the building was expanded by two stories. The short construction time, the use of locally sourced wood, and the flexible interior design made possible by TS3 technology make the building a showcase project for sustainable construction., Esslingen

School Building Canopy, Goldach

, Goldach

Apartment buildings 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

Renovation of the school complex, Grossaffoltern

, Grossaffoltern

Semiramis V-Zug, Zug

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

Apartment building 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

Apartment building Fasanenhof, Frenkendorf

The first four-story timber post-and-beam structure was built in Frenkendorf. Thanks to TS3, the building—which was originally planned to be constructed of concrete—can now be built using wood. The design process for cross-laminated timber panels, which provide multi-axial load-bearing capacity, 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 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