## Bildweiher timber structure for housing complex

St. Gallen, CH





#### **Project details**

Client Sidrona Immobilien Architecture Forrer Stieger Architekten AG Residential Project type construction apartement building Construction type Wood element construction Services Timber construction Construction 2015 St. Gallen Locality Country Switzerland

### Elegant residential complex Bildweiher with rental apartments in sustainable timber construction

An ageing apartment building was to be torn down and rebuilt according to modern residential standards. The owners thought long and hard about sustainability and the use of wood as a construction material. We were involved from the earliest planning stages with an advisory mandate and the tender for the timber construction. From the outset, the aim was to develop the statics without activation of the concrete cores. 'The communication between all parties involved was very open, the planning precisely coordinated and the ultimate execution outstanding,' says project manager Daniel Ehrbar. The project was planned with the St. Gallen architecture firm Forrer Stieger and specialist planners from the region over a six-month period. We used 40 tonnes of wood in implementing the new construction. The urban, modern wood element construction comprises two structures with five residential floors each (the upper four in timber construction) with 28 rental apartments and a large underground garage. The frame construction for the walls consists of multiple layers of cladding in accordance with noise and fire protection requirements. The exposed wood ceilings are fitted with high-quality Lignatur ceiling elements. The tight construction deadlines were met according to plan, enabling our team to complete the assembly work before Christmas.

#### **Specific Contact**



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View of Bildweiher with generous balconies



4-storey timber construction on solid base



Living room bathed in daylight