



StoraEnso

Wohnüberbauung Dantebad

Munich, Germany

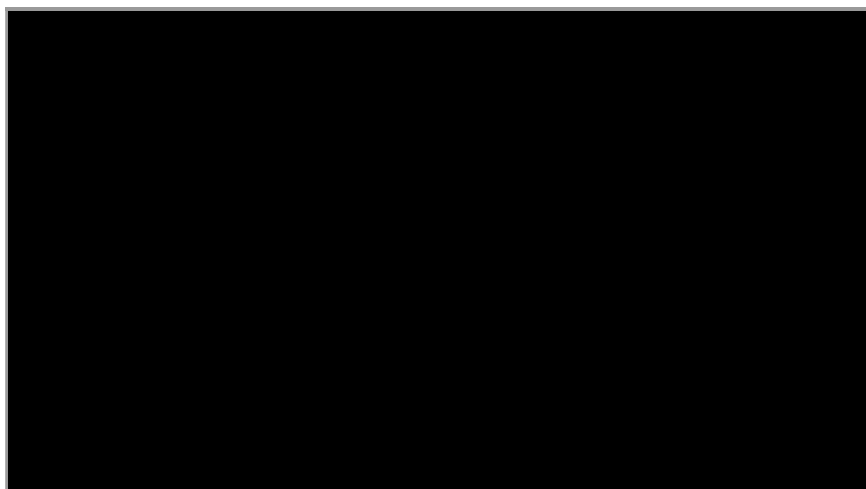
In city centres, above-ground parking areas often occupy valuable real estate that municipalities would build much-needed housing on if they could. This residential building above Dantebad, the popular Munich aquatics venue, is an excellent reference case of how that can be done quickly and easily with a small carbon footprint.

When GEWOFAG Wohnen GmbH (now Münchner Wohnen), a housing company managing over 36,000 apartments and commercial units around Munich, needed more housing, they needed them fast, on a budget, and to be sustainable. It was in this context that these residential apartments were built using prefabricated cross-laminated timber (CLT) supplied by [Stora Enso as a kit of parts, Sylva™](#).

Because Sylva CLT Walls, Floors, and Foofs are very strong and much lighter than concrete, it was possible to preserve the parking area and build five stories on top of it, making room for 100 new apartments. The project covers a 4,200 m² area and includes 86 one-room apartments and 14 two-and-a-half-room apartments.

The architectural firm behind the project, Florian Nagler Architekten, is known for its focus on sustainable design, making the Sylva kit of parts an excellent fit. Sylva products have extremely low carbon footprints, as verified by their [environmental product declarations](#).

Concrete columns and beams were constructed above the parking spaces, and the residential development was built as a wooden structure on top. The building only touches the ground with two staircases and the two end buildings, which house technology, storage, and garbage rooms.



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General

Delivery year

2017

Building type

Multi Residential

Area (m²)

4,200

Storeys

5

Units

100



Photo credit: Roland Weegen

Products

Products and Services

[Sylva™ CLT Floors and Roofs,](#)
[Sylva™ CLT Walls](#)

Product volume (m³)

983



Photo credit: Huber&Sohn



StoraEnso

Team

Developer

GEWOFAG Wohnen GmbH

Architect

Florian Nagler

Structural Engineer

Franz Mitterer-Mang,
Waldkraiburg

Main contractor

B&O

Specialist Timber Subcontractor

Huber & Sohn GmbH & Co. KG,
Bachmehring