



Partner of Stora Enso

7 storey residential building Erlangen

Erlangen, Germany



For GBW Franken GmbH four seven-story apartment buildings were built in Erlangen Germany. The buildings were built using a hybrid construction method, with load-bearing internal and external walls made of solid CLT-wood and prefabricated reinforced concrete ceilings. Here, 812 m³ of CLT panels by Stora Enso were used in the construction. The project in class 5 of the German building regulation received a horizontal wooden facade in Douglas fir with a pre-graying coating. By applying the German energy standard EnEV 2016, the residential building met the latest thermal insulation requirements.

Residential Multi-storey Building Concept by Stora Enso

Multi-storey buildings in massive wood are high-performing, renewable structures that can help to meet the growing demand for new urban buildings and more efficient, sustainable construction.

[Click here to learn more about our residential multi-storey building concept.](#)

General

Delivery year
2018

Building type
Flats

Area (m²)
6200

Storeys
7

Units
4



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Products

Products
CLT

Product volume (m³)
812



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 **Team**

Partner of Stora Enso
Holzunion

Architect
Susann Wötzel

MEP Designer
EBB GmbH

Specialist Timber Contractor
HU-Holzunion GmbH

Developer
GBW Franken GmbH

Structural Engineer
Pirmin Jung Ingenieure

Main contractor
HU-Holzunion GmbH



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 **Others**

Construction duration (months)
13

Timber superstructure erection duration (weeks)
8