



StoraEnso

Partner of Stora
Enso

7 storey residential building Erlangen 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.

The construction used 812 m³ of CLT Walls by Stora Enso. The project is in Class 5 of the German building regulations and has a horizontal wooden facade made from Douglas fir with a protective sealant. By applying the German energy standard EnEV 2016, the residential building met the thermal insulation requirements of the time.

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

Multi Residential

Area (m²)

6,200

Storeys

7

Units

4



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Products

Products and Services

Sylva™ CLT Walls

Product volume (m³)

812



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StoraEnso

Team

Partner of Stora Enso

Holzunion

Architect

Susann Wötzel

MEP Designer

EBB GmbH

Specialist Timber Subcontractor

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