PROJECT

EXTENSION FRANKFURT

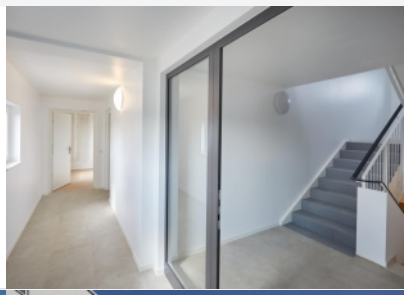
LOCATION
Frankfurt, Germany

REFURBISHMENT & EXTENSIONS

LARGE SCALE UPGRADING

In just over a year, affordable housing was built on the roofs of a former barracks complex in Frankfurt: 380 apartments in just 15 months.
The residential area thus grew by 380 one- to three-bedroom apartments. The combination of social, student and privately financed housing mixes the neighbourhood and creates living space for around 900 residents. The simple three-story row buildings with gable roofs have been transformed into five-story buildings with a modern look thanks to a modular structure in timber construction.

The outstanding structural properties of wood as a building material and its low weight were key factors in this project. The high degree of prefabrication and production in the field factory allowed the residents to remain in their apartments throughout the construction phase, as this construction method reduces noise and pollution emissions to a minimum.
A total of approx. 100,000 m² of KLH® – CLT elements were installed within 13 months during the extension of the 19 row houses (each house 70 m × 9.5 m). More than 9,000 tons of CO2 are permanently sequestered in the wood.



CLIENT

ABG FRANKFURT HOLDING
Wohnungsbau- und
Beteiligungsgesellschaft mbH

ARCHITECTURE

Stefan Forster GmbH
www.sfa.de

GENERAL CONTRACTOR

LiWooD Holzmodulbau AG
www.liwood.com

DELIVERY OF CLT

ABA HOLZ van Kempen GmbH

CONSTRUCTION TIME

December 2018 till spring 2020

PHOTOGRAPHY

SKYKAMERA