

ZÜBLIN Timber expands its range of services in modular construction and prefabrication with LENO®-ADD

Facts & Figures

ZÜBLIN UNIT:
ZÜBLIN Timber GmbH

PRODUCT:
LENO®-ADD

- **New timber wall elements complement the proven LENO® with insulation and façade layers**
- **LENO®-ADD is delivered prefabricated to the construction site where for integration into timber and timber hybrid buildings**
- **Higher degree of prefabrication enables faster installation and shorter construction times**

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Aichach, 26 June 2023

ZÜBLIN Timber is expanding its product portfolio: The LENO®-ADD exterior wall system complements the timber specialist's LENO® cross laminated timber walls through additional layers such as insulation and façade. The prefabricated components can be combined in different ways and are delivered ready-to-install directly to the construction site. The wall panels, an evolution of the MOLENO turnkey construction system, can be installed in timber and hybrid buildings.

"LENO®-ADD makes the construction process even more effective. The wall components have proven their worth in several construction projects over the years, especially as part of our MOLENO timber hybrid construction system. The high degree of factory prefabrication allows us to increase quality while reducing work on the construction site, which avoids unnecessary noise and dirt," says product manager Florian Steinhart.

The thermal insulation of a LENO®-ADD exterior wall can be adapted as required and the façade freely designed. As horizontal or vertical timber cladding, the system can be pre-greyed or allowed to grey naturally. Fixtures and electrical installations are taken into account directly during prefabrication. The interior surface can also be configured individually. Windows can be installed at the factory, which saves time at the construction site and allows for quick assembly.

Modular exterior wall system of the future

LENO®-ADD is an important step towards a sustainable, economical, future-proof way of building. Wood is a renewable resource with a positive impact on the climate footprint. "As a building material, wood binds carbon dioxide. One cubic metre of wood stores about one tonne of CO₂, which makes it a sustainable material for use in

construction,” says product manager Florian Steinhart. “The materials can also be separated later and reused.”

LENO® walls are generally load-bearing and can be used in buildings with four storeys or more. Especially for Building Class 5, which includes apartment buildings and office complexes up to 22 m tall, LENO®-ADD meets all the requirements of the Model Timber Construction Directive (M-HolzBauRL), meaning it is fire resistant for all low-rise buildings. LENO®-ADD exterior walls with the same insulation value are also 20% thinner than reinforced concrete walls with EIFS or sand-lime brick masonry, resulting in valuable additional living space.



***ZÜBLIN Timber** stands for ambitious and pioneering solutions in all areas of timber construction. We are a single-source provider for the development, production, delivery and execution of high-quality timber construction systems – from the supply of structural parts to complex timber engineering and façade construction to turnkey project execution. We work hand in hand with our clients to develop efficient solutions and a sustainable quality of life.*

www.zueblin-timber.com

Images:

The LENO®-ADD wall panels can be prefabricated in the factory to various stages of completion.

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LENO®-ADD panels were already used in the SKAIO timber hybrid high-rise in Heilbronn. The project was awarded the 2021 German Sustainability Award for Architecture.

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