

# ZÜBLIN Timber starts timber construction work on medical technology complex

## Contact

Ed. Züblin AG  
Birgit Kümmel  
Corporate Communications  
Tel. +49 221 824-2472  
presse@zueblin.de

- **New construction for Erbe Elektromedizin GmbH in Rangendingen**
- **Use of wood and wood-based materials helps protect the environment and climate**

Stuttgart, 14 February 2022 Construction is progressing on the new building complex for Erbe Elektromedizin in Rangendingen, 70 km south of Stuttgart. ZÜBLIN Timber has started with the extensive timber work, the completion is expected as early as mid-August 2022.

ZÜBLIN subsidiary Wolfer & Goebel is part of the consortium (share: 73 %) holding overall responsibility for the turnkey project execution. When it goes into operation in 2023, the three-part building complex on Erbe's business premises will house administration, development, production, logistics and a staff restaurant.

### **Timber construction work in detail**

ZÜBLIN Timber is planning, manufacturing and installing the roof supporting structures using around 1,100 m<sup>3</sup> of glulam as well as the timber frame outer walls with a total area of around 9,500 m<sup>2</sup> and approx. 5,500 m<sup>2</sup> of timber façade. In total, the use of wood will store around 2,000 t of CO<sub>2</sub>.

“We are processing and assembling an unusually large amount of timber for the industrial complex in an unusually ambitious timeframe. Using methods from LEAN management, however, we have been able to optimise the processes. And thanks to the precise prefabrication of the elements at our plant in Aichach, installation on site is possible in just a short amount of time,” says Sven Joerges, technical project manager at ZÜBLIN Timber.

The 25,000 m<sup>2</sup> plant will meet high standards of sustainability – not only during the construction phase, but also during operation. It will be one of the first industrial buildings in Germany to meet the high requirements of the KfW Efficiency House Standard 40 EE.

**Elements of new building of wood and wood-based materials:**

- External building envelopes with timber frame construction walls and timber louver rainscreen.
- Load-bearing roof system made of glued laminated timber.
- External walls made from prefabricated timber frame components fronted by large timber façade elements.
- Stairs and walkways in the atrium with completely prefabricated elements made of cross laminated timber and glulam.

**Facts & Figures:****PROJECT EXECUTION:**

Wolfer & Goebel and SIEGLE+EPPLÉ

**TIMBER CONSTRUCTION:**

ZÜBLIN Timber

**PROJECT SCHEDULE (total):**

7/2021–2023

**PROJECT SCHEDULE (timber construction):**

2/2022–8/2022

**CLIENT:**

Erbe Elektromedizin GmbH

**GENERAL PLANNER:**

io-consultants GmbH & Co. KG

*ZÜBLIN Timber stands for ambitious and pioneered solutions in the field of timber construction. We are a single-source provider for the development, production, delivery, and execution of high-quality timber construction systems – from simple structural frames 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](http://www.zueblin-timber.com)*

*Stuttgart-based **Ed. Züblin AG**, with more than 13,000 employees and an annual output of around € 4 billion, is one of Germany's largest construction companies. Since its foundation in 1898, ZÜBLIN has been successfully realising challenging construction projects in Germany and abroad and today is the STRABAG Group's leading brand for building construction and civil engineering. The company's range of services covers all construction-related tasks – from complex turnkey construction, civil engineering and tunnelling to construction logistics, structural maintenance, ground engineering and timber and steel construction. In recent years, ZÜBLIN has been promoting the topics of digitalisation, LEAN.Construction and sustainability and – supported by the many years of experience of its Zentrale Technik competence centre – is also increasingly offering integrated design and construction from a single*

source as a general planner. When it comes to partnering, ZÜBLIN has set new standards with its teamconcept partnering model, which has proven its worth on the market for more than 25 years. Current construction projects of the company, a subsidiary of globally operating STRABAG SE, include the EDGE East Side Berlin high-rise project, the Rinsdorf and Rälsbach viaducts on the A45 motorway and the Boyneburg Tunnel on the A44. More information is available at [www.zueblin.de](http://www.zueblin.de).

#### Images:



The wood used in the new building for Erbe Elektromedizin GmbH in Rangendingen will store a total of around 2,000 t of CO<sub>2</sub>.

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