Building Future.
#BuildingmaterialTimber #WernerSobek

Building with Timber – What's Next?

Dear reader,

Timber is a renewable raw material and can make an important contribution to combating climate change by storing CO_2. It is therefore no wonder that more and more planners are focussing on this building material, including us at Werner Sobek. But what are the prospects for the future – and what about the other materials?

The availability of timber varies greatly from region to region – and on a global scale it is only available in insufficient quantities. But in many areas, wood can and should play a more important role than before - especially in combination with other materials.

We are excited to see what the future holds. We are happy to help shape it! Our newsletter presents selected projects and articles on the subject of timber and timber hybrid construction. We show when, for example, a mix of reinforced concrete and timber is particularly advantageous and what positive experiences we have already had here.

Have fun taking a look!

Roland Bechmann

Dipl.-Ing. Roland Bechmann
CEO and Partner of Werner Sobek AG

P.S.: If you have any questions or comments about this newsletter, please feel free to write to us at socialmedia@wernersobek.com. We look forward to hearing from you.

Stuttgart, December 2023

Project

Earthquake Resistance

The new fire station in Karlsdorf-Neuthard was designed by Munich architects Deubzer König + Rimmel. Of particular interest here was the aspect of earthquake safety – an interesting task for the structural engineers.

Project

Sustainable Combination

The Würth headquarters is being extended according to a design by the Stuttgart-based architectural firm Orange Blu. The timber hybrid construction makes reference to the local half-timbered construction method. A circular building with style!

Film

PlusEnergy Quarter P18

The new P18 urban quarter in Stuttgart is one of the largest residential projects in modular timber construction in Germany. The sustainable quarter was built in a resource-conserving and energy-efficient manner using the active house modules developed by Werner Sobek –and was already honored with awards shortly after completion.

In October 2023, for example, P18 received the IWS Real Estate Award. At the Stuttgart #jetztklimachen-Preis 2023, our project received an award for its "exemplary character".

In the film, our project manager Max Mannschreck guides us through the urban quarter and talks about the planning, shows the wooden modules from the inside and explains the special energy concept that makes the quarter self-sufficient.

Podcast

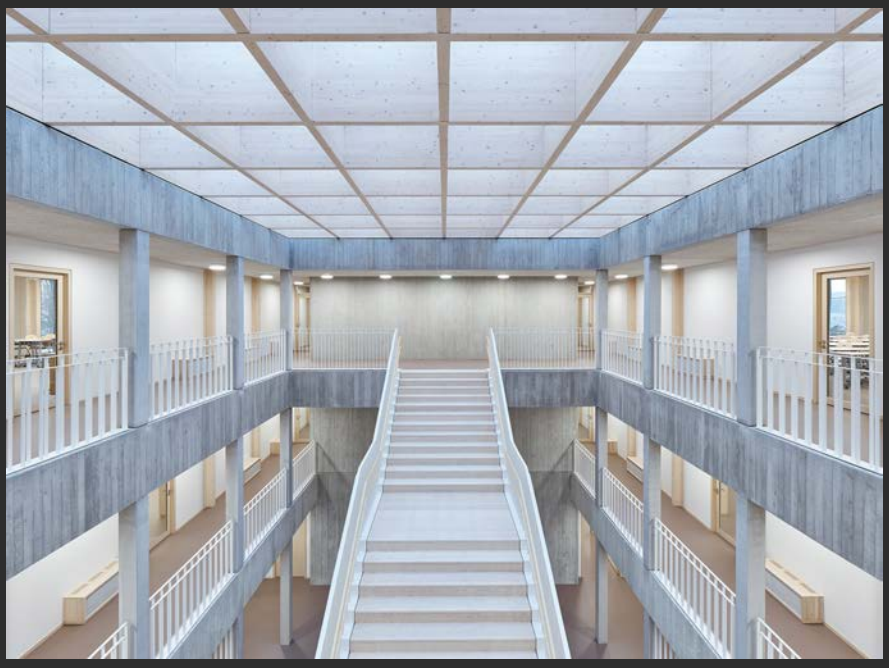
Hybrid Timber Construction - the Best of Both Worlds?

In a new episode of our podcast "Building the Future", our colleagues Thivya Athmanathan and Roland Bechmann explain the advantages of wood as a building material – and when a mix of reinforced concrete and wood is more advantageous...

Project

A Calling Card for Wiesbaden's Sustainability

The new building designed by Dietrich Untertrifaller for the state capital of Wiesbaden is a timber hybrid building. Only the ground floor, staircase cores and shafts are of solid construction. Building physics and TGA planning are particularly important here.



Project

Circular School Buildings

The Fuchshof School in Ludwigsburg is a particularly fine example of circular school buildings. The main load-bearing elements of the hybrid building are made of timber, steel and reinforced concrete. Werner Sobek was responsible for the structural design of this beautiful project.

The Fuchshof School was honoured by the Association of German Architects (BDA) with the Hugo Häring Award 2023. The award-winning building was designed by Von M Architekten from Stuttgart.

Film

Timber as a Building Material: a Precious Commodity

In his 17 theses on sustainability, Prof Sobek also focuses on wood as a building material. An easily transportable material that combines many advantages – but to what extent can it actually cover the global demand for building materials? A critical reflection by our company founder.

Project

Social and Ecological Neighbourhood Development

In Stuttgart-Münster, residential buildings from the 1930s and 1950s will be replaced by a socially and ecologically sustainable neighbourhood by 2050. Werner Sobek was commissioned with the structural design and building physics as well as sustainability consulting.

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