



Systems in Timber Engineering: Loadbearing Structures and Component Layers

<https://research.thinkwood.com/en/permalink/catalogue2115>

Author: Kolb, Josef
Editor: Lignum - Holzwirtschaft Schweiz
DGfH - German Society of Wood Research
Publisher: Birkhäuser Basel
Year of Publication: 2008
Country of Publication: Germany
Format: Book
Material: Timber (unspecified)
Application: Wood Building Systems
General Application
Topic: Design and Systems
Keywords: Load Bearing
Construction
Timber Construction
Timber Preservation
Building Systems
Loadbearing Structure
Language: English
Research Status: Complete
ISBN: 978-3-7643-8689-4
ISSN: 978-3-7643-8690-0

Summary:

Timber construction has become completely modernized. It has gained considerably in market share with respect to competing building materials and is dominated by systems such as frame and solid timber construction.

Every timber construction is determined by its structure. Hence it is essential to know the connections and relationships from the design stage right through to the construction phase. Systems in Timber Engineering takes a whole new approach to this subject. It is a comprehensive, analytical, and visually organized treatment, from the simple single-family house to the large-scale multistore structure. It includes the building envelope, which is so important for saving energy, and systems for ceilings and interior dividing walls, which are so essential from the vantage point of construction.

This work uses plans, schematic drawings, and pictures to show the current and forward-looking state of the technology as applied in Switzerland, a leading country in the field of timber construction.

Online Access: Payment Required

Resource Link

<https://doi.org/10.1007/978-3-7643-8690-0>