



## Cross-Laminated Timber: Design and Performance

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 Material: CLT (Cross-Laminated Timber)  
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 Fire  
 Acoustics and Vibration  
 Energy Performance  
 Environmental Impact  
 Mechanical Properties  
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**Summary:**

This book has been written to cover the design and performance of CLT within construction. Chapter 1 showcases its uses for architects and building designers. Chapter 2 focuses on design principles and Chapter 3 covers CLT performance, including structural design, fire performance, acoustics, thermal performance, durability, appearance, and sustainability. Chapter 4 concludes the book with thirteen case studies based on several building types. Highly illustrated with photos and technical drawings, this book demonstrates the versatility of CLT as a sustainable, engineered timber solution and will assist architects, engineers and their clients looking to work with this material.

Online Access: Payment Required

**Resource Link**

<https://www.trada.co.uk/books-online/cross-laminated-timber-design-and-performance/>