



Design of Cross Laminated Timber (CLT)

<https://research.thinkwood.com/en/permalink/catalogue1571>

Author: Peter Mestek
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Organization: Structural Building Components Association

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Material: CLT (Cross-Laminated Timber)

Application: General Application

Topic: Mechanical Properties
Design and Systems

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Shear Deformation
Load Bearing Behaviour
Concentrated Loads
Normal Stress
Shear Stress
FEM
Twisting Stiffness

Language: English

Research Status: Complete

Online Access: Free

Resource Link

http://support.sbcindustry.com/Archive/2008/june/Paper_022.pdf



Twisting Strength and Stiffness of CLT - Modelling and Appropriate Test Configurations

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Author: Gregor Silly
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Material: CLT (Cross-Laminated Timber)

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Abstract:

In this contribution a proposal for a twisting strength model for the design of cross-laminated timber (CLT) is given. Furthermore appropriate test configurations to verify the theoretically known twisting stiffness and to determine the twisting strength of CLT are shown.

Online Access: Free

Resource Link

<http://repositum.tuwien.ac.at/obvutwoa/content/pageview/1648874> ↗