



Cross Laminated Timber (CLT) Diaphragms under Shear: Test Configuration, Properties and Design

<https://research.thinkwood.com/en/permalink/catalogue1332>

Author: Reinhard Brandner
Philipp Dietsch
Julia Dröscher
Michael Schulte-Wrede
Heinrich Kreuzinger
Mike Sieder

Publisher: ScienceDirect

Year of Publication: 2017

Country of Publication: Netherlands

Format: Journal Article

Material: CLT (Cross-Laminated Timber)

Application: General Application

Topic: Design and Systems
Mechanical Properties

Keywords: Failure Mechanisms
Gross-Shear
Net-Shear
In-Plane

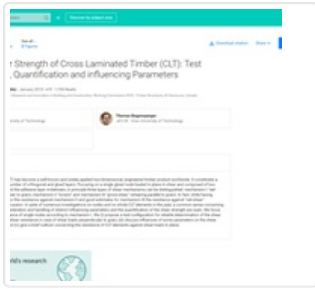
Language: English

Series: Construction and Building Materials

Online Access: Payment Required

Resource Link

<https://doi.org/10.1016/j.conbuildmat.2017.04.153>



In Plane Shear Strength of Cross Laminated Timber (CLT): Test Configuration, Quantification and influencing Parameters

<https://research.thinkwood.com/en/permalink/catalogue2121>

Author: Reinhard Brandner
Thomas Bogensberger
Gerhard Schickhofer

Year of Publication: 2013

Country of Publication: Canada

Format: Conference Paper

Material: CLT (Cross-Laminated Timber)

Application: General Application
Wood Building Systems

Topic: Mechanical Properties

Keywords: Shear Resistance
Shear Loads
In-Plane Shear Strength
Single Nodes
Net-Shear

Language: English

Conference: International Council for Research and Innovation in Building and Construction, Working Commission W18 - Timber Structures

Research Status: Complete

Online Access: Free

Resource Link

https://www.researchgate.net/publication/259891586_In_plane_Shear_Strength_of_Cross_Laminated_Timber_CLT_Test_Configuration_Quantification_and_influencing_Parameters