



## In-Plane Stiffness of Cross-Laminated Timber Floors

<https://research.thinkwood.com/en/permalink/catalogue1263>

Author: Ashtari, Sepideh  
Organization: University of British Columbia  
Year of Publication: 2012  
Country of Publication: Canada  
Publication:  
Format: Thesis  
Material: CLT (Cross-Laminated Timber)  
Application: Floors  
Shear Walls  
Topic: Mechanical Properties  
Keywords: In-Plane Stiffness  
Numerical Model  
Self-Tapping Screws  
Panel-to-Panel  
In-Plane Shear Modulus  
Stiffness  
Language: English  
Research Status: Complete  
Online Access: Free

### Resource Link

<http://doi.org/10.14288/1.0073342>



## Lateral Resistance of Cross-Laminated Timber Panel-to-Panel Connections

<https://research.thinkwood.com/en/permalink/catalogue1724>

Author: Richardson, Benjamin  
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Year of Publication: 2016

Country of Publication: Austria

Format: Conference Paper

Material: CLT (Cross-Laminated Timber)

Application: Shear Walls

Topic: Connections  
Mechanical Properties

Keywords: Strength  
Stiffness  
Panel-to-Panel  
Monotonic Loading  
Cyclic Loading  
Half-Lap  
Butt-Joint  
Steel Plate

Language: English

Conference: World Conference on Timber Engineering

Research Status: Complete

Notes: August 22-25, 2016, Vienna, Austria  
p. 4655-4662

### Summary:

Cross laminated timber (CLT) connections in shearwalls require an understanding of the shear strength and stiffness of panel-to-panel connections within the wall. This research measures the strength and stiffness of three different panel-to-panel CLT connections considering both monotonic and cyclic loading. Connections included a...

Online Access: Free

### Resource Link

<http://repositum.tuwien.ac.at/obvutwoa/content/pageview/1649876> ↗



# Shear Behavior of Cross-Laminated Timber Wall Consisting of Small Panels

<https://research.thinkwood.com/en/permalink/catalogue1411>

Author: Oh, Jung-Kwon  
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Material: CLT (Cross-Laminated Timber)

Application: Shear Walls

Topic: Mechanical Properties

Keywords: Kinematic Model  
Peak Load  
Displacement  
Panel-to-Panel

Language: English

Research Status: Complete

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## Resource Link

<https://link.springer.com/article/10.1007/s10086-016-1591-2>