

**Planar Shear and Bending Properties of Hybrid CLT Fabricated with Lumber and LVL**

<https://research.thinkwood.com/en/permalink/catalogue1324>

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Publisher: ScienceDirect

Year of Publication: 2017

Country of Publication: Netherlands

Format: Journal Article

Material: CLT (Cross-Laminated Timber)  
 LVL (Laminated Veneer Lumber)

Application: General Application

Topic: Mechanical Properties

Keywords: Rolling Shear Modulus  
 Rolling Shear Strength  
 SPF  
 Failure Modes

Language: English

Research Status: Complete

Series: Construction and Building Materials

Online Access: Free

**Resource Link**

[https://www.researchgate.net/profile/Zhiqiang\\_Wang28/publication/317833137\\_Planar\\_shear\\_and\\_bending\\_properties\\_of\\_hybrid\\_CLT\\_fabricated\\_with\\_lumber\\_and\\_LVL/links/59d18364a6fdcc181ad3b24f/Planar-shear-and-bending-properties-of-hybrid-CLT-fabricated-with-lumber-and-LVL.pdf](https://www.researchgate.net/profile/Zhiqiang_Wang28/publication/317833137_Planar_shear_and_bending_properties_of_hybrid_CLT_fabricated_with_lumber_and_LVL/links/59d18364a6fdcc181ad3b24f/Planar-shear-and-bending-properties-of-hybrid-CLT-fabricated-with-lumber-and-LVL.pdf)



# Feasibility of Manufacturing Cross-Laminated Timber using Fast-Grown Small Diameter Eucalyptus Lumbers

<https://research.thinkwood.com/en/permalink/catalogue1347>

Author: Yuchao Liao  
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Publisher: ScienceDirect

Year of Publication: 2017

Country of Publication: Netherlands

Format: Journal Article

Material: CLT (Cross-Laminated Timber)

Application: General Application

Topic: Mechanical Properties

Keywords: Eucalyptus  
Manufacturing  
Block Shear Strength  
Wood Failure Percentage  
Rate of Delamination  
Modulus of Rupture  
Modulus of Elasticity

Language: English

Research Status: Complete

Series: Construction and Building Materials

Online Access: Free

## Resource Link

<http://www2.surat.psu.ac.th/Abstrect/AbstractThailand.doc>



# Analysis of Shear Transfer and Gap Opening in Timber–Concrete Composite Members with Notched Connections

<https://research.thinkwood.com/en/permalink/catalogue1399>

Author: Lorenzo Boccadoro  
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Publisher: Springer Netherlands

Year of Publication: 2017

Country of Publication: Netherlands

Format: Journal Article

Material: Timber-Concrete Composite

Application: General Application

Topic: Connections  
Mechanical Properties

Keywords: Notched Connections  
Analytical Model  
Shear Stress  
Failure

Language: English

Research Status: Complete

Series: Materials and Structures

ISSN: 1871-6873

Online Access: Free

## Resource Link

<https://link.springer.com/article/10.1617/s11527-017-1098-3>



# Components and Consequences of Cross-Laminated Timber Delamination

<https://research.thinkwood.com/en/permalink/catalogue1412>

**Author:** Richard Emberley  
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José Torero

**Publisher:** Springer, Singapore

**Year of Publication:** 2017

**Country of Publication:** Singapore

**Format:** Book Section

**Material:** CLT (Cross-Laminated Timber)

**Application:** General Application

**Topic:** Fire

**Keywords:** Delamination  
Failure Modes  
Charring  
Thermal Penetration Depths

**Language:** English


**Research Status:** Complete

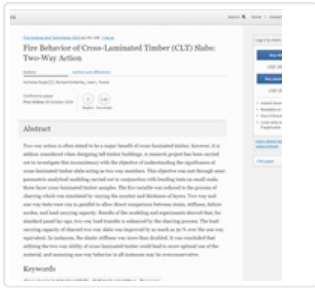
**Series:** Fire Science and Technology 2015

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## Resource Link

[https://doi.org/10.1007/978-981-10-0376-9\\_27](https://doi.org/10.1007/978-981-10-0376-9_27) 



# Fire Behavior of Cross-Laminated Timber (CLT) Slabs: Two-Way Action

<https://research.thinkwood.com/en/permalink/catalogue1413>

Author: Nicholas Doyle  
Richard Emberley  
José Torero

Publisher: Springer, Singapore

Year of Publication: 2017

Country of Publication: Singapore

Format: Book Section

Material: CLT (Cross-Laminated Timber)

Application: General Application

Topic: Fire

Keywords: Analytical Model  
Bending Tests  
Small Scale  
Strain  
Stiffness  
Failure Modes  
Load Carrying Capacity  
Two-Way  
Elastic Stiffness

Language: English

Research Status: Complete

Series: Fire Science and Technology 2015

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Online Access: Payment Required

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