



## Development and Evaluation of CLT Shear Wall Using Drift Pinned Joint

<https://research.thinkwood.com/en/permalink/catalogue673>

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Year of Publication: 2014

Country of Publication: Canada

Format: Conference Paper

Material: CLT (Cross-Laminated Timber)

Application: Shear Walls

Topic: Connections  
 Mechanical Properties

Keywords: Cedar  
 Shear Failure  
 Drift Pin Joint  
 Steel Connectors

Language: English

Conference: World Conference on Timber Engineering

Research Status: Complete

Notes: August 10-14, 2014, Quebec City, Canada

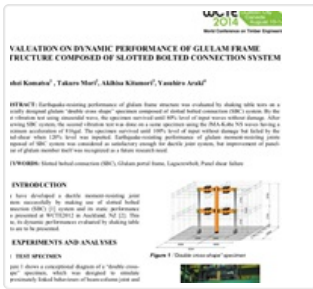
Summary:

The connectors for the CLT shear wall with drift pin joint were suggested. The wall composed of five layers Japanese cedar CLT, steel connectors and drift pins (diameter  $d = 16\text{mm}$ ). The horizontal shear performances of the walls were evaluated by static e...

Online Access: Free

### Resource Link

[http://scho.wd/hosted\\_files/wcte2014/67/ABS244\\_Nakashima\\_web.pdf](http://scho.wd/hosted_files/wcte2014/67/ABS244_Nakashima_web.pdf)



# Evaluation of Dynamic Performance of Glulam Frame Structure Composed of Slotted Bolted Connection System

<https://research.thinkwood.com/en/permalink/catalogue503>

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Year of Publication: 2014

Country of Publication: Canada

Format: Conference Paper

Material: Glulam (Glue-Laminated Timber)

Application: Frames

Topic: Connections  
Mechanical Properties

Keywords: Slotted Bolted Connection  
Vibration Test

Language: English

Conference: World Conference on Timber Engineering

Research Status: Complete

Notes: August 10-14, 2014, Quebec City, Canada

Summary:

Earthquake-resisting performance of glulam frame structure was evaluated by shaking table tests on a specially designed glulam “double cross shape” specimen composed of slotted bolted connection (SBC) system. By the first vibration test using sinusoi...

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## Resource Link

[http://scho.wshosted\\_files/wcte2014/b1/ABS422\\_Komatsu\\_web.pdf](http://scho.wshosted_files/wcte2014/b1/ABS422_Komatsu_web.pdf)



# Structural Behaviour of Glued Laminated Timber Beams Pre-Stressed by Compressed Wood

<https://research.thinkwood.com/en/permalink/catalogue303>

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Publisher: ScienceDirect

Year of Publication: 2012

Country of Publication: Netherlands

Format: Journal Article

Material: Glulam (Glue-Laminated Timber)

Application: Beams

Topic: Mechanical Properties

Keywords: Compressed Wood  
Reinforcement  
Pre-Stressing  
Moisture Content

Language: English

Research Status: Complete

Series: Construction and Building Materials

Online Access: Free

## Resource Link

[https://www.researchgate.net/profile/Buan\\_Anshari2/publication/251621202\\_Structural\\_behaviour\\_of\\_glued\\_laminated\\_timber\\_beams\\_pre-stressed\\_by\\_compressed\\_wood/links/5a0a4936aca272d40f412a9a/Structural-behaviour-of-glued-laminated-timber-beams-pre-stressed-by-compressed-wood.pdf](https://www.researchgate.net/profile/Buan_Anshari2/publication/251621202_Structural_behaviour_of_glued_laminated_timber_beams_pre-stressed_by_compressed_wood/links/5a0a4936aca272d40f412a9a/Structural-behaviour-of-glued-laminated-timber-beams-pre-stressed-by-compressed-wood.pdf)