



Dynamic and Static Lateral Load Tests on Full-Sized 3-Storey CLT Construction for Seismic Design

<https://research.thinkwood.com/en/permalink/catalogue481>

Author: Tsuchimoto, Takahiro
Kawai, Naohito
Yasumura, Motoi
Miyake, Tatsuya
Isoda, Hiroshi
Tsuda, Chihiro
Miura, Sota
Murakami, Satoshi
Nakagawa, Takafumi

Year of Publication: 2014

Country of Publication: Canada

Format: Conference Paper

Material: CLT (Cross-Laminated Timber)

Application: Wood Building Systems

Topic: Seismic

Keywords: Shake Table Test
Lateral Load Test
Shear Displacement
Joint Deformation

Language: English

Conference: World Conference on Timber Engineering

Research Status: Complete

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

Summary:

In order to consider the seismic design method, the shaking table tests and static lateral load tests were conducted to the modelized CLT panel construction. As a result, it was clarified that the shear displacement and joint deformation under the seismic...

Online Access: Free

Resource Link

http://schr.ws/hosted_files/wcte2014/b5/ABS572_Tsuchimoto.pdf