



## Correct Temperature Measurements in Fire Exposed Wood

<https://research.thinkwood.com/en/permalink/catalogue2025>

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Year of Publication: 2018

Country of Publication: South Korea

Format: Conference Paper

Material: CLT (Cross-Laminated Timber)

Application: General Application

Topic: Fire

Keywords: Temperature  
Thermocouples  
Charring

Language: English

Conference: World Conference on Timber Engineering

Research Status: Complete

Online Access: Free

### Resource Link

<https://indico.conference4me.psnr.pl/event/171/session/367/contribution/237/material/paper/1.pdf>



## Fire Testing for Framework Office Building in Portland, OR

<https://research.thinkwood.com/en/permalink/catalogue1828>

Organization: SWRI  
Year of Publication: 2017  
Country of Publication: United States  
Format: Report  
Material: CLT (Cross-Laminated Timber)  
Glulam (Glue-Laminated Timber)  
Application: General Application  
Wood Building Systems  
Beams  
Columns  
Topic: Fire  
Keywords: Fire Endurance Tests  
Connections  
Assembly  
Fabrication  
Thermocouples  
Beam Column Connection  
Language: English  
Research Status: Complete  
Series: Framework: An Urban + Rural Design

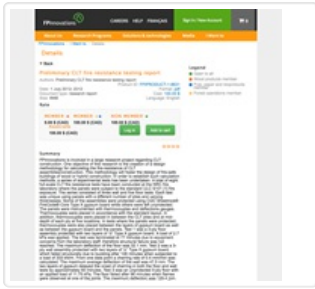
### Abstract:

- A. Fire Test Results Summary
- B. Test 1a (Test 1): Beam-Exterior Column Connection Report
- C. Test 1a (Test 2): Beam-Exterior Column Connection Report
- D. Test 1a (Test 3): Beam-Exterior Column Connection Report
- E. Test 1a (Test 4): Beam-Exterior Column Connection Report
- F. Test 1b (Test 1): CLT Deck to Beam Report
- G. Test 1b (Test 2): CLT Deck to Beam Report
- H. Test 1b (Test 3): CLT Deck to Beam Report
- I. Test 1c: Penetrations Fire Resistance Rating Report (TBD)
- J. Test 1d: Wall Fire Resistance Rating Report

Online Access: Free

### Resource Link

<https://www.thinkwood.com/wp-content/uploads/2018/10/17-Framework-Fire-Testing.pdf>



## Preliminary CLT Fire Resistance Testing Report

<https://research.thinkwood.com/en/permalink/catalogue377>

Organization: FPInnovations  
Year of Publication: 2012  
Country of Publication: Canada  
Format: Report  
Material: CLT (Cross-Laminated Timber)  
Application: Wood Building Systems  
Topic: Fire  
Keywords: Full Scale  
Fire Resistance  
Type X Gypsum Board  
Thermocouples  
Language: English  
Research Status: Complete  
Notes: Report is currently not available due to the redevelopment of FPInnovations' publications website.

### Abstract:

FPInnovations is involved in a large research project regarding CLT construction. One objective of this research is the creation of a design methodology for calculating the fire-resistance of CLT assemblies/construction. This methodology will foster the design of fire-safe buildings of wood or hybrid construction...

Online Access: Payment Required

### Resource Link

<https://fpinnovations.ca/Extranet/Pages/AssetDetails.aspx?item=/Extranet/Assets/ResearchReportsWP/E4794.pdf>