



Mechanical Behaviour of Finger Joints at Elevated Temperatures

<https://research.thinkwood.com/en/permalink/catalogue612>

Author: Andrea Frangi
 Marco Bertocchi
 Sebastian Clauß
 Peter Niemz

Publisher: Springer-Verlag

Year of Publication: 2012

Country of Publication: Germany

Format: Journal Article

Material: Glulam (Glue-Laminated Timber)

Application: General Application

Topic: Fire
 Mechanical Properties

Keywords: Fire Resistance
 Tensile tests
 Bending Tests
 Finger Joints

Language: English

Series: Wood Science and Technology

ISSN: 1432-5225

Online Access: Free

Resource Link

http://doc.rero.ch/record/310472/files/226_2011_Article_444.pdf



Finger-Jointed Frame Corners and Tapered Beams of Cross-Laminated Timber

<https://research.thinkwood.com/en/permalink/catalogue931>

Author: Hans Joachim Blaß
Marcus Flaig

Organization: Karlsruher Institut für Technologie

Year of Publication: 2015

Country of Publication: Germany

Format: Report

Material: CLT (Cross-Laminated Timber)

Application: General Application

Topic: Connections
Design and Systems

Keywords: Finger Joints
double pitched beams

Language: German

Online Access: Free

Resource Link

<http://dx.doi.org/10.5445/KSP/1000047039>



7 – Glue-Laminated Timber (Glulam)

<https://research.thinkwood.com/en/permalink/catalogue1165>

Author: Chee Beng Ong
Publisher: ScienceDirect
Year of Publication: 2015
Country of Publication: Netherlands
Format: Book Section
Material: Glulam (Glue-Laminated Timber)
Application: General Application
Topic: General Information
Connections
Keywords: Production
Adhesives
Finger Joints
Language: English
Series: Wood Composites
Online Access: Payment Required

Resource Link

<https://doi.org/10.1016/B978-1-78242-454-3.00007-X>



Influence of Distribution of Finger Joints and Timber Flaws on the Damage Evolution of Laminated Glued Timber Beams during Four Point Bending

<https://research.thinkwood.com/en/permalink/catalogue1584>

Author: Lenka Melzerová
Michal Šejnoha

Year of Publication: 2016

Country of Publication: Austria

Format: Conference Paper

Material: Glulam (Glue-Laminated Timber)

Application: Beams

Topic: Mechanical Properties

Keywords: Four Point Bending Test
Displacement
Strain
Knots
Finger Joints
Damage

Language: English

Conference: World Conference on Timber Engineering

Notes: August 22-25, 2016, Vienna, Austria
p. 1830-1837

Abstract:

A group of six glued laminated timber beams was tested in four-point bending until failure. Both standard measuring devices mounted to the beams and digital cameras were employed to provide for a continuous measuring of displacements and strains as well as visualization of damage evolution and subsequently for quantification...

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<http://repositum.tuwien.ac.at/obvutwoa/content/pageview/1607745> ↗



Performance of Glue-Laminated Beams from Malaysian Dark Red Meranti Timber

<https://research.thinkwood.com/en/permalink/catalogue1822>

Author: Chee Beng Ong
Organization: University of Bath
Year of Publication: 2018
Country of Publication: United Kingdom
Format: Thesis
Material: Glulam (Glue-Laminated Timber)
Application: Beams
Topic: Mechanical Properties
Keywords: Malaysian Dark Red Meranti (DRM)
Production
Phenol-Resorcinol Formaldehyde
Fabrication
Bonding Performance
Carbon Fiber Reinforced Polymer
Tension Face
Unreinforced
Fire Test
Failure
Finger Joints
Softwood
Europe
Density
End Pressure
Cramping Pressure
Strength
Charring Rate
Fire Performance
Polyurethane
Bending Strength
Language: English
Online Access: Free

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