



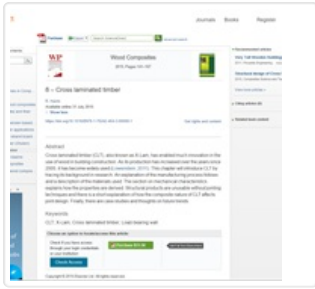
7 – Glue-Laminated Timber (Glulam)

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

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

Resource Link

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



8 – Cross Laminated Timber

<https://research.thinkwood.com/en/permalink/catalogue1166>

Author: Harris, Richard
Publisher: ScienceDirect
Year of Publication: 2015
Country of Publication: Netherlands
Format: Book Section
Material: CLT (Cross-Laminated Timber)
Application: General Application
Topic: General Information
Mechanical Properties
Keywords: Manufacturing
Research
Joints
Language: English
Research Status: Complete
Series: Wood Composites
Online Access: Payment Required

Resource Link

<https://doi.org/10.1016/B978-1-78242-454-3.00008-1>



Ability of Finger-Jointed Lumber to Maintain Load at Elevated Temperatures

<https://research.thinkwood.com/en/permalink/catalogue1832>

Author: Rammer, Douglas
Zelinka, Samuel
Hasburgh, Laura
Craft, Steven

Publisher: Forest Products Laboratory

Year of Publication: 2018

Country of Publication: United States

Format: Journal Article

Material: Other Materials

Application: General Application

Topic: Fire

Keywords: Small Scale
Full Scale
Bending Test
Melamine Formaldehyde
Phenol-Resorcinol Formaldehyde
Creep
Polyurethane
Polyvinyl Acetate
Temperature
Durability

Language: English

Research Status: Complete

Series: Wood and Fiber Science. 50(1): 44-54.

Online Access: Free

Resource Link

https://www.fpl.fs.fed.us/documnts/pdf2018/fpl_2018_rammer001.pdf



Accelerated Curing of Large Scale Glued-in-Rods

<https://research.thinkwood.com/en/permalink/catalogue2018>

Author: Ratsch, Nils
Voß, Morten
Wirries, Jonas
Myslicki, Sebastian
Kohl, Daniel
Böhm, Stefan
Vallée, Till
Adam, Michael

Year of Publication: 2018

Country of Publication: South Korea

Format: Conference Paper

Material: LVL (Laminated Veneer Lumber)

Application: General Application

Topic: Mechanical Properties
Connections

Keywords: Beech
Glued-In Rods

Language: English

Conference: World Conference on Timber Engineering

Research Status: Complete

Online Access: Free

Resource Link

<https://indico.conference4me.psnk.pl/event/171/session/404/contribution/575/material/paper/1.pdf>



Accommodating Movement in High-Rise Wood-Frame Building Construction

<https://research.thinkwood.com/en/permalink/catalogue1875>

Author: Howe, Richard
Publisher: Forest Products Society
Year of Publication: 2011
Country of Publication: United States
Format: Journal Article
Material: Steel-Timber Composite
Other Materials
LVL (Laminated Veneer Lumber)
Application: Wood Building Systems
General Application
Floors
Walls
Topic: Design and Systems
Connections
Keywords: Detailing
Shrinkage
Differential Movement
Language: English
Research Status: Complete
Series: Wood Design Focus
Online Access: Free

Resource Link

<https://www.structuremag.org/wp-content/uploads/2014/08/C-ConstrIssues-Howe-June111.pdf>



Accuracy Evaluation of Gamma-Method for Deflection Prediction of Partial Composite Beams

<https://research.thinkwood.com/en/permalink/catalogue1911>

Author: Rasoul Atashipour, Seyed Landel, Pierre Al-Emrani, Mohammad Sifkarouf

Year of Publication: 2018

Country of Publication: Korea

Format: Conference Paper

Material: Timber-Concrete Composite

Application: Wood Building Systems
Beams

Topic: Mechanical Properties
Design and Systems

Keywords: Shear Deformation
Exact Solution
Finite Element (FE) Model
Numerical Analysis

Language: English

Conference: World Conference on Timber Engineering

Research Status: Complete

Notes: August 20-23, 2018, Seoul, Republic of Korea

Online Access: Free

Resource Link

https://www.researchgate.net/publication/327306840_Accuracy_evaluation_of_Gamma-method_for_deflection_prediction_of_partial_composite_beams



Accurate Strength Parameters for Fasteners with Examples for Ring Shank Nails

<https://research.thinkwood.com/en/permalink/catalogue1510>

Author: Munch-Andersen, Jørgen
Svensson, Staffan

Year of Publication: 2016

Country of Publication: Austria

Format: Conference Paper

Material: LVL (Laminated Veneer Lumber)

Application: General Application

Topic: Connections
Mechanical Properties

Keywords: Withdrawal Test
Ring Shank Nails
Fasteners
Strength

Language: English

Conference: World Conference on Timber Engineering

Research Status: Complete

Notes: August 22-25, 2016, Vienna, Austria
p. 344-352

Abstract:

Strength parameters for fasteners determined in accordance with the methods prescribed for the European CE-marking leads to quite different values for seemingly similar products from different manufactures. The results are hardly repeatable, to some extent due to difficulties in selecting representative on engineered wood products...

Online Access: Free

Resource Link

<http://repositum.tuwien.ac.at/obvutwoa/content/pageview/1567618>



Acoustically-Tested Mass Timber Assemblies

<https://research.thinkwood.com/en/permalink/catalogue1874>

Organization:	WoodWorks
Year of Publication:	2019
Country of Publication:	United States
Format:	Report
Material:	CLT (Cross-Laminated Timber) NLT (Nail-Laminated Timber) Glulam (Glue-Laminated Timber)
Application:	Floors Walls
Topic:	Acoustics and Vibration
Keywords:	Mass Timber Sound Transmission Class Impact Isolation Class Assembly
Language:	English
Research Status:	Complete
Online Access:	Free

Resource Link

<http://www.woodworks.org/wp-content/uploads/Acoustically-Tested-Mass-Timber-Assemblies-WoodWorks.pdf>



Acoustic Emission of Bolt-Bearing Testing on Structural Composite Lumbers

<https://research.thinkwood.com/en/permalink/catalogue1443>

Author: Du, Yicheng
Zhang, Jilei
Shi, Sheldon

Publisher: Society of Wood Science and Technology

Year of Publication: 2014

Country of Publication: United States

Format: Journal Article

Material: LVL (Laminated Veneer Lumber)
OSL (Oriented Strand Lumber)

Application: General Application

Topic: Acoustics and Vibration

Keywords: Acoustic Emission
Bolted Connection

Language: English

Research Status: Complete

Series: Wood and Fiber Science

Abstract:

Acoustic emission (AE) characteristics of full-hole bolt-bearing testing on structural composite lumbers (SCL) including laminated veneer lumber (LVL) and oriented strand lumber (OSL) were investigated. The main conclusion is that AE cumulative...

Online Access: Free

Resource Link

https://www.researchgate.net/profile/Sheldon_Shi/publication/259801199_Acoustic_emission_of_bolt-bearing_testing_on_structural_composite_lumbers/links/53fb3e4e0cf27c365cf089cb/Acoustic-emission-of-bolt-bearing-testing-on-structural-composite-lumbers.pdf



Acoustic Impact Testing and Waveform Analysis for Damage Detection in Glued Laminated Timber

<https://research.thinkwood.com/en/permalink/catalogue771>

Author: Xu, Feng
Wang, Xiping
Teder, Marko
Liu, Yunfei

Publisher: De Gruyter

Year of Publication: 2017

Country of Publication: Germany

Format: Journal Article

Material: Glulam (Glue-Laminated Timber)

Application: General Application

Topic: Acoustics and Vibration
Serviceability

Keywords: Decay
Delamination
Damage Detection
Moment Analysis
Wavelet Transform
Acoustic Signals

Language: English

Research Status: Complete

Series: Holzforschung

ISSN: 1437-434X

Online Access: Free

Resource Link

<https://www.fs.usda.gov/treearch/pubs/download/55133.pdf> [↗](#)