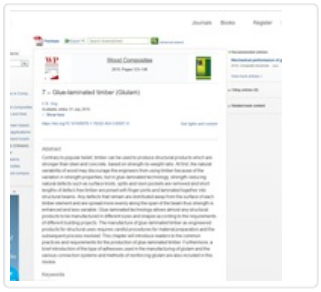


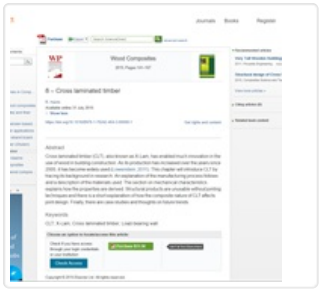
7 – Glue-Laminated Timber (Glulam)

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
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:	Richard Harris
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

Accelerated Curing of Large Scale Glued-in-Rods

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

Author:	Nils Ratsch
	Morten Voß
	Jonas Wirries
	Sebastian Myslicki
	Daniel Kohl
	Stefan Böhm
	Till Vallée
	Michael Adam
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.psnc.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:	Richard Howe
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

http://www.forestprod.org/buy_publications/resources/Fall_2010/fall_2010_howe.pdf

Accommodating Shrinkage in Multi-Story Wood-Frame Structures

https://research.thinkwood.com/en/permalink/catalogue712

Author:	Richard McLain
	Doug Steimle
Organization:	WoodWorks
Year of Publication:	2017
Country of Publication:	United States
Format:	Report
Material:	Light Frame (Lumber+Panels)
Application:	Wood Building Systems
Topic:	Design and Systems
	Moisture
Keywords:	Shrinkage
	Mid-Rise
	Multi-Story
	Moisture Content
Language:	English
Research Status:	Complete
Online Access:	Free

Resource Link

https://www.woodworks.org/wp-content/uploads/wood_solution_paper-Accomodating-Shrinkage.pdf

Accurate Strength Parameters for Fasteners with Examples for Ring Shank Nails

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

Author:	Jørgen Munch-Andersen
	Staffan Svensson
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

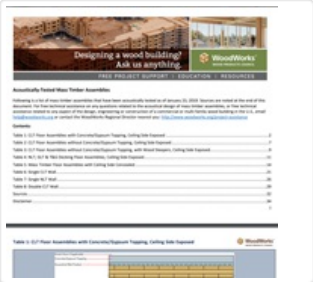
Acoustical Guide: Acoustic Research Report on Mass Timber Buildings

https://research.thinkwood.com/en/permalink/catalogue1839

Organization:	AcoustiTECH
Editor:	David Dompierre
	Samuel Garant
Publisher:	AcoustiTECH
Year of Publication:	2018
Country of Publication:	Canada
Format:	Report
Material:	CLT (Cross-Laminated Timber)
	Other Materials
Application:	Floors
Topic:	Acoustics and Vibration
Keywords:	Mass Timber
	Sound Absorption
	Impact Sound Insulation
Language:	English
Research Status:	Complete
Online Access:	Free

Resource Link

https://www.acousti-tech.com/Design/PDF/mass-timber-guide.pdf



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:	Yicheng Du
	Jilei Zhang
	Sheldon Shi
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:	Feng Xu
	Xiping Wang
	Marko Teder
	Yunfei Liu
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/treesearch/pubs/download/55133.pdf