



## Acoustics: Sound Insulation in Mid-Rise Wood Buildings

<https://research.thinkwood.com/en/permalink/catalogue37>

Author: Stefan Schoenwald  
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Organization: National Research Council of Canada

Year of Publication: 2014

Country of Publication: Canada

Format: Report

Material: CLT (Cross-Laminated Timber)  
Light Frame (Lumber+Panels)

Application: Floors  
Walls

Topic: Acoustics and Vibration

Keywords: Acoustics  
Mid-Rise  
Sound Insulation

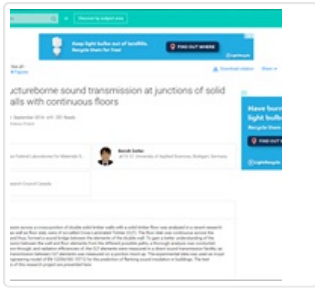
Language: English

Research Status: Complete

Online Access: Free

### Resource Link

<http://doi.org/10.4224/21274579>



## Analysis on Structureborne Sound Transmission at Junctions of Solid Wood Double Walls with Continuous Floors

<https://research.thinkwood.com/en/permalink/catalogue1869>

Author: Stefan Schoenwald  
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Organization: European Acoustics Association

Year of Publication: 2014

Country of Publication: Poland

Format: Conference Paper

Material: CLT (Cross-Laminated Timber)

Application: Floors  
Walls

Topic: Acoustics and Vibration

Keywords: Sound Transmission  
Sound Insulation  
Radiation Efficiencies

Language: English

Conference: Forum Acusticum 2014

Research Status: Complete

Notes: September 7-12, 2014, Krakow, Poland

Online Access: Free

### Resource Link

[https://www.researchgate.net/publication/266079276\\_Analysis\\_on\\_structureborne\\_sound\\_transmission\\_at\\_junctions\\_of\\_solid\\_wood\\_double\\_walls\\_with\\_continuous\\_floors](https://www.researchgate.net/publication/266079276_Analysis_on_structureborne_sound_transmission_at_junctions_of_solid_wood_double_walls_with_continuous_floors)



# Apparent Sound Insulation in Cross-Laminated Timber Buildings

<https://research.thinkwood.com/en/permalink/catalogue1276>

Author: Christoph Hoeller  
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Organization: National Research Council of Canada

Year of Publication: 2017

Country of Publication: Canada

Format: Report

Material: CLT (Cross-Laminated Timber)

Application: Wood Building Systems

Topic: Acoustics and Vibration  
Connections

Keywords: Airborne Sound Transmission  
Adhesives

Language: English

Research Status: Complete

Online Access: Free

## Resource Link

<http://doi.org/10.4224/23002009>



## Sound Insulation Performance of Cross Laminated Timber Building Systems

<https://research.thinkwood.com/en/permalink/catalogue342>

Author: Stefan Schoenwald  
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Ivan Sabourin  
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Organization: Inter-noise

Year of Publication: 2013

Country of Publication: Austria

Format: Conference Paper

Material: CLT (Cross-Laminated Timber)

Application: Wood Building Systems

Topic: Acoustics and Vibration

Keywords: Airborne Sound Insulation  
Acoustic Performance

Language: English

Conference: Inter-noise 2013

Research Status: Complete

Notes: September 15-18, 2013, Innsbruck, Austria

Online Access: Free

### Resource Link

<http://nparc.cisti-icist.nrc-cnrc.gc.ca/npsi/ctrl?action=shwart&index=an&req=21268871&lang=en>