



## Acoustic Testing and Wood Supply for Framework Office Building in Portland, OR

<https://research.thinkwood.com/en/permalink/catalogue1830>

Organization: ARUP  
StructureCraft  
InterTek

Year of Publication: 2017

Country of Publication: United States

Format: Report

Material: CLT (Cross-Laminated Timber)

Application: Floors  
Ceilings  
Walls  
Roofs  
Wood Building Systems

Topic: Acoustics and Vibration

Keywords: Sound Transmission  
Impact Noise Transmission  
Concrete Topping

Language: English

Research Status: Complete

Series: Framework: An Urban + Rural Design

### Summary:

- A. Shop Drawings and Details for Tests
- B. Sound and Impact Test Results Summary
- C. Test 1: Sound and Impact Transmission Test - CLT
- D. Test 2: Sound and Impact Transmission Test - Concrete Topping
- E. Test 3a: Sound and Impact Transmission Test - Marmoleum
- F. Test 3b: Sound and Impact Transmission Test - Marmoleum
- G. Test 4: Sound and Impact Transmission Test - Carpet
- H. Test 5a: Sound and Impact Transmission Test - Luxury Vinyl Plank
- I. Test 5b: Sound and Impact Transmission Test - Luxury Vinyl Plank
- J. Test 6: Sound and Impact Transmission Test - Mechanical Roof

Online Access: Free

### Resource Link

<https://www.thinkwood.com/wp-content/uploads/2018/10/19-Framework-Acoustic-Testing-and-Wood-Supply.pdf>

