



In-situ testing of wood innovation and design centre: floor vibration, building vibration, and sound insulation performance

<https://library.fpinnovations.ca/fr/permalink/fpipub53039>

Auteur: Hu, Lin J.
 Pirvu, Ciprian
 Ramzi, Redouane

Collaborateur: Forestry Innovation Investment

Date: July 2015

Genre du document: Research report

Description physique: 49 p.

Secteur: Wood Products

Domaine: Sustainable Construction

Champ de recherche: Advanced Wood Materials

Sujet: Testing
 Performance
 Wood
 Buildings

Langue: English

Résumé: This report describes the building, tested floor and wall assemblies, test methods, and summarizes the test results. The preliminary performance data provides critical feedback on the design of the building for resisting wind-induced vibration and on the floor vibration controlled design. The data can be further used to validate the calculation methods and tools/models of dynamic analysis. Originally confidential to FII, they have provided permission to make the report available.

Documents



53039.pdf

 [Voir en ligne](#)

 [Télécharger](#)

