



Fire Safety Summary: Fire Research Conducted for the Project on Mid-Rise Wood Construction

<https://research.thinkwood.com/en/permalink/catalogue43>

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

Application: Walls

Topic: Fire

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Mid-Rise
Safety
Tall Wood
Exterior Walls

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Summary:

Working in collaboration with the Canadian Wood Council and FPInnovations and in partnership with Natural Resources Canada and the governments of Ontario, Quebec and British Columbia, the National Research Council conducted a comprehensive research project, Research Consortium for Wood and Wood-Hybrid Mid-rise Buildings. This consortium project aimed to develop technical information that could be used to support acceptable solutions that meet the NBC's objectives for fire safety, acoustics, and building envelope performance, in order to facilitate the use of wood-based structural materials in mid-rise buildings.

The objectives of the Wood and Wood-Hybrid Midrise Buildings research project were to develop performance data and technical solutions in the areas of fire safety, acoustics and building envelope pertinent to the use of wood-based structural materials in mid-rise buildings, i.e. to develop an alternative solution to meet the 2010 NBC requirements for non-combustible construction for 5-6 storey (and taller) buildings.

This project was intended to address the immediate needs for technical solutions for mid-rise wood buildings that do not compromise the minimum levels of safety and performance required by the 2010 NBC in the areas of fire safety and fire protection, acoustics, and building envelope performance.

Online Access: Free

Resource Link

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