





## Evolution of the Building Envelope in Modern Wood Construction

<https://research.thinkwood.com/en/permalink/catalogue1799>

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Format: Report  
Material: CLT (Cross-Laminated Timber)  
Glulam (Glue-Laminated Timber)  
NLT (Nail-Laminated Timber)  
Light Frame (Lumber+Panels)  
LVL (Laminated Veneer Lumber)  
Application: Building Envelope  
Topic: Design and Systems  
Energy Performance  
Moisture  
Site Construction Management  
Keywords: Energy Efficiency  
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Tall Wood  
Wood Infill Walls  
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Language: English  
Research Status: Complete

### Summary:

This report provides an overview of major changes occurred in the recent decade to design and construction of the building envelope of wood and wood-hybrid construction. It also covers some new or unique considerations required to improve building envelope performance, due to evolutions of structural systems, architectural design, energy efficiency requirements, or use of new materials. It primarily aims to help practitioners better understand wood-based building envelope systems to improve design and construction practices. The information provided should also be useful to the wood industry to better understand the demands for wood products in the market place. Gaps in research are identified and summarized at the end of this report.

Online Access: Free

### Resource Link

<https://www.bcfii.ca/sites/default/files/report/FPI/16327-PDFA.pdf>