



Deconstructable Hybrid Connections for the Next Generation of Mass Timber Prefabricated Buildings

<https://research.thinkwood.com/en/permalink/catalogue2551>

Country of Publication: Canada

Application: Hybrid Building Systems

Topic: Connections

Keywords: Deconstructable Connections
Prefabrication
Modular Construction
Reuse
Seismic Resistance

Research Status: In Progress

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Summary:

This research aims at developing novel multi-material deconstructable hybrid connections for mass timber prefabricated buildings. Connections will be conceived in order to (i) meet multi-objective structural performance, (ii) favour modular construction, (iii) favour quick erection of buildings, (iv) quick disassemble and possible reuse of the timber members, and (v) provide seismic-resistant structural assemblies.