



A Comparative Study on the Mechanical Properties of Laminated Veneer Lumber (LVL) Produced from Blending Various Wood Veneers

<https://research.thinkwood.com/en/permalink/catalogue2314>

Author: McGavin, Robert
 Nguyen, Hoan
 Gilbert, Benoit
 Dakin, Tony
 Faircloth, Adam

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Format: Journal Article

Material: LVL (Laminated Veneer Lumber)

Application: Wood Building Systems

Topic: Mechanical Properties

Keywords: Hardwood
 Cypress
 Rotary Peeling
 Veneer
 Bending Performance
 Tension
 Bearing Strength
 Flatwise Bending

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Research Status: Complete

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Online Access: Free

Resource Link

https://ojs.cnr.ncsu.edu/index.php/BioRes/article/view/BioRes_14_4_9064_McGavin_Comparative_Study_Mechanical_Properties_Laminated_Veneer



Mass-Timber Construction in Australia: Is CLT the Only Answer?

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Author: McGavin, Robert
Dakin, Tony
Shanks, Jon

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Material: CLT (Cross-Laminated Timber)
MPP (Mass Plywood Panel)

Application: Wood Building Systems

Topic: Market and Adoption

Keywords: Veneer
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Summary:

Wood-based mass-panels (WBMP) are emerging as an attractive construction product for large-scale residential and commercial construction. Australia is following the lead of Europe and North America with several recent projects being completed using predominately cross-laminated timber panels (CLT). These sawn timber-based panels offer some key advantages to the construction and sawmilling industry. However, veneer-based mass-panel (VBMP) systems could offer additional benefits including the more efficient use of the available forest resources to produce WBMPs that have equivalent to superior performance to CLT. Research to confirm the expected technical viability of veneer-based systems is required. VBMPs could provide a valuable contribution, alongside CLT, to the Australian timber products market.

Online Access: Free

Resource Link

https://ojs.cnr.ncsu.edu/index.php/BioRes/article/view/BioRes_15_3_4642_McGavin_Mass_Timber_Construction_Australia