



**Performance Evaluation of Phenol Formaldehyde Resin-Impregnated Veneers and Laminated Veneer Lumber**

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Material: LVL (Laminated Veneer Lumber)

Application: General Application

Topic: Mechanical Properties

Keywords: Mountain Pine Beetle  
Lodgepole Pine  
Resin Impregnation  
Modulus of Elasticity  
Phenol Formaldehyde  
Dimensional Stability  
Hardness  
Bending Strength  
Bending Modulus  
Shear Strength

Language: English

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Summary:

For the past decade, mountain pine beetle infestation in British Columbia, Canada, has substantially changed wood characteristics of vast amounts of the lodgepole pine (*Pinus contorta*) resource. Resin impregnation is one method that could improve the properties of the beetle-affected wood...

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