

Performance of compreg laminated bamboo/wood hybrid using phenolic-resin-treated strips as core layer

ABSTRACT

Physical and mechanical properties of *compreg* laminated bamboo/wood hybrid using phenolic-resin-treated strips as core layer were investigated. *Compreg* laminates made from treated core layer revealed better properties than the untreated control samples. *Compreg* laminated wood showed lower properties compared to *compreg* laminated bamboo and bamboo/wood hybrid. Assembly orientation exerted great influence on the properties as parallel laminated samples showed better strength and dimensional stability.

Keyword: Performance of compreg; Compreg; Laminated bamboo; Laminated wood; Hybrid; Phenolic-resin-treated strips