

BENDING STRENGTH PROPERTIES OF FINGER JOINT, LAP JOINT
AND BUTT JOINT OF DARK RED MERANTI
(*Shorea spp*)

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ABSTRACT

BENDING STRENGTH PROPERTIES OF FINGER JOINT LAP JOINT AND BUTT JOINT OF DARK RED MERANTI (*Shorea spp*)

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A study was conducted with the objective of gathering information of Dark Red Meranti on the bending strength properties after modifying its structure to three types of joints finger joint, lap joint and butt joint. Three types of jointing were connecting with PVAc (Polyvinyl acetate) resin respectively. The aim bending strength testing is to determine the stronger of joint when the bending load are used to each joint. Furthermore, the three types of joint are compare with standard of Dark Red Meranti (*Shorea spp*) wood. The testing result showed, finger joint is the stronger than lap joint and butt joint. The analysis result also showed, the strength of finger joint was included at the standard wood of Dark Red Meranti (*Shorea spp*).