

**COMPARATIVE STRENGTH OF FINGER JOINT FROM KARAS SPP WITH PVAc
AND CONTACT ADHESIVE**

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CANDIDATE'S DECLAIRATION

I declare that the work in this thesis was carried out in accordance with regulation of University Teknologi MARA. It was original and the result done by my work, unless for the otherwise indicated or acknowledged as a reference work. This thesis has not been submitted to other academic institution or non-academic institution for any other degree or qualification.

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ABSTRACT

COMPARATIVE STRENGTH OF FINGER JOINT FROM KARAS SPP WITH PVAc AND CONTACT ADHESIVE

The aim of this study was to identify whether the appropriate glue for installation at finger joint of karas spp. Type of glue that will be used pvac and contact adhesive. Two glues were often used in the timber industry in Malaysia. This study was to supported the Malaysian timber species especially light hardwood and unused or excess wood from the waste or fuel. Size of finger joint is 2 cm wide, 2 cm thick and 300 cm length. With a difference of glue, the test will be conducted by using the testing machine. With the testing machine, the results showed pvac were stronger than contact adhesive glue. The statistical analysis results showed that pvac has a highest strength for the finger joint of the karas spp.

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