

**FINISHING PERFORMANCE OF ACID CATALYST LACQUER ON
(*Neobalanocarpus hemii*) USING DIFFERENT SYSTEMS AND DIFFERENT
VISCOCITY**

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**Final Year Project Report Submitted in
Partial Fulfilment of the Requirements for the
Degree of Bachelor of Science (Hons.) Furniture Technology
in the Faculty of Applied Sciences
Universiti Teknologi MARA**

JULY 2019

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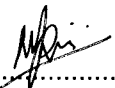
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using different systems and different
viscosity.
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ABSTRACT

FINISHING PERFORMANCE OF ACID CATALYST LACQUER ON (*Neobalanocarpus hemii*) USING DIFFERENT SYSTEMS AND DIFFERENT VISCOCITY

Finishing is to give a desired or particular surface texture meanwhile wood finishing is a process of embellishing and protecting the surface of a wooden material. Wood is a porous material. It contains countless holes of various sizes. These holes can accumulate dirt and grime from handling, atmospheric contaminants and food. A finish seals the porous surface, making it less susceptible to soiling. The objective for this study is to choose between two different finishing systems which are systems A (1 sealer, 2 topcoat) and system B (2 sealer, 3 topcoat). In addition, the objective is to choose the best viscosity of the finishes that are suitable for Chengal wood. Acid catalyst lacquer were applied using spray application and there are three testing to measure the performance of the finishing which are household test, cross-cut test and heat resistance test. The data and results show that system B is better compared to system A as it more layered and the best viscosity is 18 seconds as it easier to penetrate into the wood grain.