

**FINISHING PROPERTIES OF MAHANG GAJAH (*Macaranga gigantea*) BY  
USING DIFFERENT FINISHING SYSTEMS AND ABRASIVE PAPERS**

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## CANDIDATE'S DECLARATION

I declare that the work in this thesis was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the result of my own work, unless otherwise indicated or acknowledges as referenced work. This topic has not been submitted to any academic institution or non-academic institution for any other degree of qualification.

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## **ABSTRACT**

### **FINISHING PROPERTIES OF MAHANG GAJAH (*Macaranga gigantea*) BY USING DIFFERENT FINISHING SYSTEMS AND ABRASIVE PAPERS.**

Finishing is used to provide protection and give aesthetic value to wood product. In this study, different finishing system (system A and system B) and abrasive paper were applied. Systems A consist of single layer of sealer meanwhile system B consist of double layer of sealer and for abrasive paper the silicon carbide and aluminum oxide been used in this study. From this study, it shows that there is significant different on finishing properties when using different finishing system meanwhile there is no significant different when using different abrasive paper on Mahang Gajah sample. System B had better finishing quality due to double layer of sealer that give excellent protection to Mahang Gajah wood surface. It can be concluded that system B give better protection on wood surface than system A and for abrasive paper it better to use silicon carbide because it is cheaper than aluminum oxide.

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