

**FINISHING PROPERTIES OF A BOOK SHELF FROM  
KELEMPAYAN  
(*Neolamarckia cadamba*)**

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## ABSTRACT

### FINISHING PROPERTIES OF A BOOK SHELF FROM KELEMPAYAN

*(Neolamarckia cadamba)*

High level of demand occurred to high quality furniture in Malaysia. Basically, the quality of furniture produced is depending on the material and production process. Moreover, the finishing's quality of the furniture also plays their role in classifying the quality level of a product. This study is conducted to determine the furniture design of a book shelf from Kelempayan wood and to compare the effect of different finishing system (system A: sanding, sealing and painting once time and system B: sanding, sealing and painting twice time) on finishing properties of a book shelf from Kelempayan wood. Indirectly, the study also wanted to introduce the Kelempayan wood as a replacement for timber resources which are declining at the best finishing system that should be applied in getting the best finishing properties of a book shelf from Kelempayan. From this study, it showed that different finishing system (system A and system B) didn't affect the finishing properties of a book shelf made from Kelempayan, except for scratch test. It is significant difference for scratch test ( $P < 0.05$ ). Overall, finishing system B gave better finishing properties if compared to finishing system A, because it produced smoother and high quality surface.