

RUSTIC EPOXY RESIN CONSOLE TABLE

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ABSTRACT

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This final year project was focused on the use of rustic wood slab with combination of epoxy resin that can enhance the appearance of the product design with an aesthetic look. As a result, this research was completed by designing and creating a console table that is more contemporary and unique as it should be. Due to the use of epoxy, it also can prevent decay and defect in wood and provide a long-lasting usage. Moreover, this design style is becoming more common among the younger generation and is currently the furniture design trend. The goal of this research is to produce a console table from *acacia mangium* wood slab in combination of epoxy resin. This aims to address several problems, including the design of tables especially console table in the furniture market which became far too plain and less in character. Nowadays, the raw materials used to make tables should be varied, including combinations of wood with a cheaper option mixed with metal, as well as plastic. As a result, the product was successfully designed and produced. Thus, a set of questionnaires was distributed to 150 respondents at different gender, age and profession. The characteristics evaluated by the respondents include material used, design, marketing and customers satisfaction.

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