

**MULTIPURPOSE FRAME STORAGE FROM WOODEN PALLET
(PINUS RADIATA)**

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ABSTRACT

MULTIPURPOSE FRAME STORAGE FROM WOODEN PALLET (*PINUS RADIATA*)

In this modern era, it is hardly to see multipurpose product that are cheap in the market. This is because that most products available in the market are focus on one single function only and it is in the form of solid wood. The difficulty to see multipurpose product that are cheap in the market also cause by the mind set of customers that likely to choose furniture made from solid wood because solid wood provide a good resistance, strong and long lasting but it come with expensive price. Not only that, it is also cause by limited exposure received by people in multipurpose concept. Thus the purposes of this study are to design a multipurpose storage frame by using wooden pallet (*Pinus radiata*) and produce it at economical price. After the design and production process completed, a survey was conducted to 85 respondents based on gender, profession and age. There are seven characteristics of the product were evaluated such multipurpose frame storage, wooden pallet is a suitable for multipurpose frame storage, combination of modern and multipurpose concept, colour, design can save the space, potential to be commercialized the market and can be used in office, house and any space. The results show that there are significant different for all characteristics except for wooden pallet is a suitable for multipurpose frame storage, colour, potential to be commercialized the market and can be used in office, house and any space. So it can conclude that wooden pallet can be a suitable material to produce this multipurpose storage frame. Overall this product has a potential to be commercialize to the industry with economical price.

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