

SLIDING MIRROR STORAGE BOX FROM BLOCK BOARD

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ABSTRACT

SLIDING MIRROR STORAGE BOX FROM BLOCK BOARD

Sliding mirror storage box is a type of furniture that has become popular in the furniture market. The changing of market trend causes the changing of the furniture manufacturing toward a better design. The best design of a product would be able to achieve the functional point in order to gain high profit. This study was conducted to expose the new design of sliding mirror storage box. The design of the sliding mirror storage box safety and to be able to commercialize the product. This report is presented on the functional and designing of a sliding mirror storage box. Based on the title of this project, the student needs to follow up with the new design of the sliding mirror storage box. The objective of this study is to design a product that uses low cost raw material and the second objective is to design a sliding mirror storage box with multifunction and will reduce space use. Based on this study, there are several scopes that will have to be considered when and designing a product using low cost material. The Rhino 4.0 software was used to design a two-dimensional view and three-dimensional view of the product. The concept that has been apply on the design of sliding mirror storage box are modern, simple and multifunctional.

CHAPTER 1

INTRODUCTION

1.1 Background of study

Furniture are referred to portable items that are proposed to help human such as for seating, sleeping and storage purpose. Furniture are also known as a type of decorative art.

Malay traditional houses used furniture as their accessories, the style that are used are more focused at the "Anjung/ Rumah tangga, Serambi and Rumah ibu". The style of furniture being made built-in style and the function are more to space structure. Besides, the design of traditional furniture are directly show based on human or culture lifestyle (Wahab et al., 2015).

The design of modern furniture are more focused on the design by using the technology and electronic application software such as Computer Aided Design(CAD).The drawing that are made will be kept in (CAD) application software (Döngel et al., 2009). Computer Aided Design (CAD) are important for education, for the furniture industry and interior design sectors. (CAD) is also used to make a design and the process of making the design is faster and more accurate and effective (Ferguson, 2016).