

Interior Accessories Product Design using Fabric Rope from Patchwork Waste

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ABSTRACT

Indonesia is one of the countries with the most significant contributor to the production of patchwork waste. Based on its characteristics, the cloth is a waste that is difficult to decompose and has a long time to destroy without polluting the environment properly. In addition, another fact shows that Indonesia has become one of the world's second-largest waste suppliers. In the interior sector, the cloth is needed as the primary medium, especially in making interior accessories products made from textiles or upholstery. The interior can use patchwork waste into a product with beauty, function, and economic value. Therefore, this service will focus on processing patchwork into interior accessory products, such as blankets, carpets, pillows, etc. In this case, we will use patchwork waste material as the primary material to make home accessories products as an addition to the house's aesthetic value. Some of the products implemented use macrame rope processed from household patchwork waste.

INTRODUCTION

There is a large amount of waste that is also a big problem in this country, namely patchwork waste. Patchwork is left over from the sewing process. Textile waste if not handled properly can have a bad impact on the surrounding natural environment. This is because textile waste has the following characteristics: (1) Difficult to integrate back into the natural environment; (2) Can damage the biota in the soil for a certain period; (3) When burned, the smoke can pollute the air; (4) Can be a medium for the development of germs; (5) Can clog waterways which in turn can cause flooding; (6) Requires a large area for disposal (Amalia, 2018). In addition, another fact shows that it has become one of the second largest suppliers of waste in the world. It is recorded that in a year, there are around 400 billion m² of fabric produced in the world, with 15% of the fabric being discarded during the cutting process (fadilasn.2018). Counting from 15%, then there will be 60 billion m² of total cloth that is discarded. If produced again it can produce around 26,666,000 shirts. This data was presented by Aryani Widagdo, a fashion educationist, who pays attention to the impact of the production of fashion activists.

METHODOLOGY

To deal with waste with a character that is difficult to decompose, the first step is to make innovative and market-loved products from waste materials, based on the availability of materials from non-biodegradable waste, namely cloth waste. Inside the interior, there is a product section that uses textile materials, often referred to as interior textiles, namely Upholstery which functions to complement parts of the interior. Upholstery is the job of providing furniture, especially chairs, with cushions, springs, webbing, and fabric or leather covers. The word upholstery comes from the Middle English word upholder, which refers to a handyman who lifts their belongings. The products included in this upholstery include, among others, stable sales levels related to home interior products, including: (1) carpets and mats/blankets, (2) living room pillows. All Products are summarized into one interior product package.

The choice of carpet and pillow products is partly because they are easy to work with, and the benefits are quite promising, considering that the raw materials are very easy to obtain, and do not require large capital. In the development of the current interior design trend which is quite popular is the cozy and living theme, () which is to make a small room as comfortable as possible, with the presence of soft and warm products. This trend started in Korea, then expanded to various countries, where simple things are more emphasized, the important thing is comfort and a warm atmosphere. One of the hallmarks of the theme that must exist is carpets, thick blankets, and pillows with different patterns.

This study uses a qualitative research method with the decomposition of research data in the form of descriptive. The data collection method is by conducting direct research in the field, by recording all activities and procedures carried out from beginning to end.

1. Giving material about the environment

This training activity is aimed at increasing the knowledge and skills of participants in order to be able to solve some of the existing problems and be able to develop their potential. The training programs provided are as follows:

2. Design training and manufacture of design products

During the design training, participants will be given an understanding of design science, especially interior design and upholstery. After that, participants are trained to be able to make product design sketches and measurable pattern designs. Then participants were also given the training to cut patterns, sew and package products.

RESULT

The research invites society to understand and join the activities to reduce the effect of global warming by making accessories product design from patchwork waste that is easily found around the location because the location is close to the fabric manufacturer and very easy to find the fabric waste material in the house. Activities that have been carried out were the implementation of a workshop on processing patchwork waste into interior accessories products. The are two types of products we already expanded: pillow and carpet,

The purpose of the activities is to invite society especially housewives in waste bank Jebres to care about the environment and make a contribution to reducing the effect of global warming through the creative process. By doing this activity we provide the idea to them, and then they will explore the idea, and then they will follow or even explore it into a new one. We invite them to use all waste material to make the product.

Fabric Rope Manufacturing Process



Interior Accessories Product Design



CONCLUSION

To socialize about the global warming issue in society, we need consistency to always warn people because it was very hard to make them care about the issue. The product is formed by doing some brainstorming and practice.