
THE POSSIBILITY OF ACHIEVING AESTHETIC AND FUNCTIONAL VALUES IN THE INTERIOR ARCHITECTURE OF WARM REGIONS USING MULTI-LAYERED CURTAINS

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Abstract

The desire for the creativity and development in designing any product are considered of the essential and important factors in the product design process, which would enable them to have access to the competitive product. Fabrics are playing a significant role in the interior decoration of the house, and they give both harmonic atmosphere and color which gives the house its own identity. The curtain fabrics are considered one of the important upholstery fabrics, whether these curtains are used in homes, hotels, restaurants, or offices, meeting rooms, tourist villages and youth gatherings etc. The functional performance of fabrics is closely related to architectural art as it is considered a mean of achieving an architectural function where it helps in building the architectural identity of the place. The beauty of curtains fabrics lies in its visual appearance as well as its functional efficiency. Curtains have played an important role in housing, particularly in warm areas, where they give it a touch of aesthetic as well as functional role through the use of multiple functions and foremost of which is thermal insulation. The search is based on studying the possibility of achieving functional and aesthetic value in modern interior architecture for multi layered curtains, in this research curtain fabrics were designed and produced of using a variety of designs and double cloque structure by adding a wadding layer of warp and weft yarns.

Keywords

Interior Architecture, Aesthetic And Functional Values, Curtain Fabrics, Kilo Fabrics, Multi-Layered Fabrics.

Introduction

Due to the multiplicity of fabrics of various uses in terms of technical and technological performance, which led to their classification in many classifications according to use, such as upholstery fabrics, clothing fabrics, and fabrics with special uses such as soil fabrics, medical fabrics, fabrics used in cars, etc., and there are many applied methods for implementing these types of fabrics and can be divided from Where the types of stiffeners and wefts used in them are according to their applied methods used, and the diversity of staples and wefts used is subject to many names due to what each of them performs in the applied method. And the welts for filling, and architecture is the mother of the arts and the one that is most in contact with man because it contains human life in its various forms, and architectural openings are considered one of the most important elements in the design of facilities, and they are linked to sunlight, which varies according to time throughout the day, from season to season and from place to place, and energy also varies. Photovoltaic to the sun through clouds, fog and weather It affects the different levels of lighting and the distribution of natural light, and thus its effect on the interior space and due to the intensity of heat and light in some Arab countries, which

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requires a medium that refracts sunlight, calms it and reduces its intensity, as well as works to reduce the temperature and curtains are one of the most successful architectural solutions for this purpose. Inside the house without completely closing the windows, it maintains the movement of air, which helps reduce the temperature in the summer, as well as reduce the intensity of lighting in addition to creating aesthetic and functional values and providing the greatest amount of functional efficiency for interior spaces, and curtain fabrics are among the most important fabrics for use for long periods and exposure to many variables and it is known that Filling in textiles is limited to its use to increase the weight and increase the blocking of light in heavy curtains, so it uses high-quality threads due to its disappearance between the warp threads and the weft, and we do not find it appearing on the surface of the woven and therefore it was necessary to work on making use of the filler as a textile and applied value to achieve new aesthetic values. With the Klocean fabrics used in multi-layered curtains, therefore, care must be taken with this type of fabric in order to fit with and its function in terms of form and content by conducting more studies and research in order to develop it technically and industrially in order to achieve the goal of its use.

Conculsion

- 1- Obtaining the protrusion and decline in the clearly produced curtains by choosing the filling materials with a thick tiger from the rest of the threads that make up the woven.
- 2- The amalgamation of the aesthetic and functional values of the curtains with contemporary technologies helped in beautifying the buildings and giving them a characteristic of privacy.
- 3- Multiple layers of curtains lead to providing shade that contributes to the treatment of the building climatically and reduces and soothes the temperatures in the interior space.
- 4- The real value of curtain fabrics is primarily due to the design factor with its various vocabulary.
- 5- Obtaining the advantages of synthetic and natural fibers in fabrics produced using cotton and some synthetic fibers
- 6- Obtaining a new aesthetic value for croaky fabrics through the emergence of the filling areas as a colour space independent of the rest of the design areas.
- 7- The production of a new quality of fabrics that have not been previously produced that help reduce the proportion of lighting inside the place in which they are placed.

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