

## INNOVATIVE SOLUTION IN INTERIOR DESIGN DECORATION

*Kakharova Gulshan Sergeevna*

*Samarkand state institute of architecture and construction.*

*Student of the Department of Interior and Landscape Design*

*Phone: +998979070036,*

*email: [dilnoza.karimova.2021@inbox.ru](mailto:dilnoza.karimova.2021@inbox.ru)*

**ABSTRACT**

*The use of modern high technologies is a prerequisite for the development of a professional design studio. We designers keep up with the times and follow the latest innovations in the field of interior design. This article presents modern types of decoration technology. Below are the innovative solutions we use to create interiors.*

**KEYWORDS:** *innovation, design, interior, project, panel, ceramics, panel, stencil, moss, scenery.*

Today, with the development of modern times, new technologies are emerging in all areas. People spend most of their time indoors, which is why today interior designers are turning to new technologies to make the interior design of residential and public buildings more comfortable and aesthetically pleasing. The following is a list of innovative decorations that can be used to create interior design.

**3D VPG panels in the interior.** 3D VPG panels are a novelty in the market of finishing materials in interior decoration. 3D VPG panels are a simple design made of MDF and eco-leather combined with an elegant design, specially designed by Italian designer Stefano Palaccio. VPG panels can be easily installed on any surface, they can be used as wall panels for apartment and office design, for the production of furniture, decoration of interior details, doors, presentation and information racks.



Properties of decorative VPG panels: mechanical characteristics of MDF are superior to chipboard and natural wood, MDF facades can be installed in rooms with relative humidity up to 80%. As for the level of moisture resistance and resistance to temperature extremes, here the material shows its best side: it does not swell under the influence of moisture, does not warp. Facades made of MDF are 1.5 times stronger than chipboard, which allows for much better retention of fasteners. The structure of the MDF sheet allows you to make milling of any complexity. In this regard, it became possible to use the material for decorating interiors for various purposes.

High quality, durability, elegant appearance and ease of installation are their main

advantages.

Wall 3D VPG panels do not require special care, they retain their original color throughout the entire service life. Finishing the premises with MDF wall panels has a number of



advantages over other finishing methods. It does not provide for preliminary preparation of the walls (leveling, cleaning the old coating from the walls, putty and other operations), and if necessary, it is easy to dismantle the panels.

**Ceramic printing on glass.** The technology of printing on glass with ceramic paints is a new word in decorating and creating

unique interiors and exteriors. The essence of the technological process is drawing a picture with ceramic paint, which, when hardened in a furnace, becomes an inseparable part of the glass.

Decorated glass with ceramic printing opens up a wide range of possibilities for creating a unique interior design. The range of application is quite wide: from the facade of buildings, stained-glass windows, balcony railings to interior filling of the interior - interior doors and partitions, countertops and wall panels, shower cabins and curtains, suspended ceilings with lighting.

Also, in the interiors, you can create whole wall-themed compositions. Ceramic printed glass is an alternative to classic stained glass. The advantages of art glass with ceramic printing: environmental friendliness, ease of construction, speed of manufacture, low cost, unlimited possibilities in choosing a pattern or picture.

The image applied with ceramic paint, which uses inorganic crystalline compounds as pigments, does not fade in the sun, is suitable for use in all weather conditions. Thus, tempered glass decorated with ceramic paints becomes a unique material for architecture and design.

**Screen decoration.** Increasingly, people are waking up with a love for beauty, and instead of boring wallpaper and dull painting in interior design, they use stencils made of high-quality Italian plaster.

A stencil can be both letters and simple geometric shapes, as well as complex artistic compositions, ornaments that reproduce the style of a certain era or national color. A stencil can be large and rather complex or small and simple. After applying the stencil on



the wall, a butterfly can unfold its wings or freeze in a moment of a swift flight of a seagull.

When developing a design project, the use of stencil technique using decorative plasters is an ideal way to “revive” any interior and give it an artistic and original look. This is the curiosity that is sometimes lacking in our house. This method of decoration is due to its



originality and can be made in any color scheme. Stencil wall decoration attracts people who appreciate man-made.

Stencil technique can be used on structural, antique, textured, as well as Venetian plasters. The result is delightfully smooth or voluminous drawings. If desired, the image can be patinated or emphasized with silver, gold, etc., then your interior will sparkle with completely new

colors and shades. Any wildest fantasies can be translated into reality with the help of screen painting. Screen painting is a complex and time-consuming process. Decorating the interior with the help of stencil decoration is a task only for professionals who master the fine art of painting and application techniques. We bring to your attention the services of professional craftsmen. Screen painting is one of those techniques that only professionals can do.

If you find it difficult to make a choice, then our designers will help you choose the best stencil option that will be in harmony with your interior. Also, you have the right to order stencils according to your sketches. When choosing stencils, you should pay attention to the fact that the picture looks different on samples and in volume. And the choice of color and the stencil pattern itself depends not only on the background, the texture of the wall, the size and lighting of the room, but also on the furniture, its location, and even on how tightly the space is crowded. Therefore, the help of a designer is extremely important when choosing stencils.

**Stabilized moss in the interior.** In Europe, and throughout the rest of the world, there is now a real boom in environmental friendliness. More and more people are switching to organic food, clothing made from natural fabrics, switching to hybrid or electric cars, moving from noisy cities to quiet, and sometimes completely deserted places. Fashion for environmental friendliness has reached the interior. Now, of course, many will think about wall decoration with natural materials or hand-assembled furniture, but we are talking about something else! Our story about decorating rooms with stabilized moss.

The idea of decorating premises with phytopanels made of stabilized moss originates directly from the very idea of stabilizing plants. Stabilized moss, lichen and reindeer moss are living plants treated with a special composition, they retain their appearance for many years.

*Rules for use of stabilized moss in interiors.* Stabilized moss panels (also called phytowalls) do not require special care, thanks to antistatic treatment they do not collect dust, but it is important to follow a few simple rules:

1. Use stabilized moss products for indoor use only
2. Avoid direct sunlight
3. Do not water.

Green walls made of stabilized moss have unique soundproofing properties, so they are suitable for interior design of all entertainment and leisure facilities. In addition to restaurants, bars and nightclubs, vertical landscaping with stabilized moss is an ideal option to diversify the interior of shopping centers, government offices, museums, waiting rooms at train stations and airports and medical centers. Preserved moss panels can be used for both vertical and horizontal finishes. Stabilized moss can be used to create a vibrant, eco-friendly logo, as well as frame art in a trendy art gallery or mirrors in a showroom. There are options for making press walls from stabilized moss for presentations.

A separate line in interior design with stabilized moss is the decoration of apartments and residential premises. Due to the complete environmental friendliness of the production of phytowalls, the use of stabilized decorative moss in residential premises is absolutely safe. For the decoration of apartments, country houses and apartments, stabilized moss can also be used in the frames of paintings and mirrors, make green walls with it, decorate flights of stairs, ceilings and much more! Create! Dare! Stabilized moss does not require special care!

#### **References:**

1. Xu X. Interior design decoration simulation based on wireless sensors //Microprocessors and Microsystems. – 2021. – T. 82. – C. 103813.
2. Karimov E. B. et al. Distinctive Features of Modern Styles in Interior Design //International Journal on Integrated Education. – 2021. – T. 4. – №. 11. – C. 21-24.
3. Ding X. Innovation System of Interior Design Based on Big Data and Virtual Reality Technology //2021 3rd International Conference on Artificial Intelligence and Advanced Manufacture. – 2021. – C. 2881-2884.