

Application of Green Design Concept in Design

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Abstract: Applying green design to interior design can give the internal structure a sense of hierarchy and enhance the benefit of green environmental protection, Designers improve the different environments in different areas of the interior and decoration design and then improve the customer's living comfort. At the same time, the design should also maximise the environmental pollution caused by home decoration and avoid multiple pollution. This can effectively enhance people's sense of the aesthetics of the indoor environment, but also maintain the ecological environment and save energy, which can be said to be multipurpose. Designers should analyse the application strategy of green design concepts, improve the traditional design concepts brought about by the cumbersome problems, maximise the advantages of green design concepts, can enhance the grade of interior design, for the majority of customers' choice to create a satisfactory living environment. In the future design, we will put green design in the first place. The interior environment design is the most basic need for everyone's living space.

1. Introduction

Designers should also consider comprehensively adding some simple green decorations to increase the indoor living environment's superiority and make a house look clean and comfortable. Designers reflect people-oriented principles but also learn to improve their service level to meet the customers' needs for the house. Customers will be delighted after reading this point. Designers in the design must reflect the principle of being people-oriented. At this point, designers must remember how to strengthen indoor ventilation and greening and improve indoor performance in various areas.

2. Advantages of green design concept

2.1 Increase the utilization rate of housing area reasonably

The advantage of the concept of green design is that it can effectively strengthen the use efficiency of each room area. Interior designers can rely on green environmental protection design to enhance the functionality of the different regions of each room, refer to the golden dividing line of various space styles of houses, and effectively make full use of the use resources of each home. The designer wants to avoid creating unreasonable congestion and chaos in the house, and the overall appearance will be warm.

2.2 Pay attention to the safety of house furniture

Paying attention to the safety and stability of the house is the advantage of the concept of green design, mainly reflected in the choice of furniture. We should learn to change the traditional architectural image by integrating the evolution. We buy furniture and must consider the quality. Most of the cheap furniture will produce a series of problems, such as pollution. With the gradual enhancement of people's awareness of environmental protection, green building materials have become the first choice of designers because these green building materials can be recycled, the harm to the human body can be said to be minimal, but also for the conservation of resources can be done. When choosing furniture, we should pay attention to the problem of formaldehyde. Ask about the material, process, material, etc., of furniture, which must be paid attention to when buying furniture to ensure that the purchase of furniture is safe. Before buying furniture, the designer can explain the essential characteristics of the material to the customer to avoid unnecessary problems in the purchase. Furniture should also match the decoration style^[1]. Otherwise, it will appear out of place! According to the concept of green design, when choosing furniture, one can effectively choose practical furniture, avoid buying idle furniture, and play a good role in reducing and preventing the trauma of some furniture.

3. How to integrate the concept of green design into interior design

3.1 Reasonable layout of interior space and coordination of surrounding environment

Space layout is essential for designers in modern interior design. Having an excellent internal arrangement can better highlight the house's design characteristics and meet users' needs than through artificial facilities and decorations. Indoor ventilation and daylight exposure will make people comfortable and save unnecessary waste. Reasonable coordination and use of the surrounding environment is an excellent decorative technique. When the indoor environment is harmonious and unified with the natural environment, the feeling will make people relaxed and happy.

3.2 Promote and use new technologies and green energy

With the rapid development of science and technology with the progress of The Times, in the face of ever-changing science and technology, more and more science and technology is used in interior design, so we should support and encourage the innovation of science and technology, the higher level of science and technology into the high-tech environmental protection technology materials, to improve the level of interior design. Reasonable use of wind, solar, and other sustainable energy development shows the interrelationship between green energy and new energy and interior green design concepts^[2]. It has the characteristics of multi-function, environmental protection, healthy life, energy saving drainage, recycling, comfort and so on.

3.3 Adhere to the principle of sustainable development

With the soaring economy, people's environmental concepts are also gradually updating. In the primary mode of development, the harmonious coexistence of man and the environment is the principle of sustainable development. The idea of house design has also undergone new changes, which for the interior design and daily life close, in the decoration design, advocate the use of simple wind, as far as possible to reduce the consumption of resources. At the same time, it can also reduce the excessive waste of resources. As a designer, we should carry forward its principle. More

and more customers choose green design, and the benefits of green design will be reflected over time. The regeneration speed of renewable resources will be maintained at the original average rate so that the living environment will be further improved.

3.4 Pay attention to ecological aesthetics

Ecological aesthetics is one of the principles of green design. That is, based on traditional aesthetics, appropriate ecological elements are added to achieve the purpose of environmental harmony. The concept of green design is integrated into interior design, accommodating many environmental and aesthetic features that pay attention to nature and peace and highlight simplicity. As a whole, its integration with interior design respects the harmonious development of the earth's natural environment and preserves the ecological aesthetics of natural original beauty as much as possible. We can use modern science and technology to achieve indoor landscape and outdoor landscape echo, so that residents feel the charm of nature in the house, which is the point of view of ecological aesthetics.

4. The application strategy of green design in interior design

4.1 Optimize the layout of the interior space

While ensuring that the house is comfortable and liveable, the designer should carry out reasonable planning and design of the overall length of the home so that the interior space can be rationally applied. To optimize the interior space, we should consider the application and aesthetic, optimize the different needs of customers and the original defects of the house, combine the design style needed by customers with the field regional structure space, and carry out purposeful and targeted layout transformation. In the optimization, we must achieve the expected requirements and even break through the expected idea to improve it. To meet the target behavior of customers, reasonable optimization and transformation of the original interior space layout^[3]. As designers, we should wholly and thoroughly understand the characteristics of interior space, grasp the essence of home, transform interior design, formulate practical and effective programs, and provide customers with a perfect construction process; these are what we need to do.

4.2 Application of green materials

In interior design, green materials are our first choice, which can save energy and perfectly combine the interior design concept with the green idea to minimize the pollution caused by the surrounding environment of the house. The least harm to the human body is natural stone, on the one hand, depends on the biological properties given by nature, and natural stone, relative to the market of synthetic materials or artificial materials, is closer to nature, to a large extent to meet people's living requirements, which for people's physical and mental health, is indeed a fantastic guarantee. Designers, in the selection of materials, should follow the principle of less and acceptable, such as the selection of environmentally friendly materials, to reduce the cost of interior design and resource consumption. According to the customer's needs, the actual living place is tailored to avoid blind grade and waste of building materials. At the end of the construction of the house, a screening can be carried out for the waste to select the materials that can be reused for later needs. We must implement the concept of green environmental protection.

4.3 Improve the lighting of the house

Part of people's enthusiasm for life comes from the sunlight in the place when they wake up. At the same time, sunlight entering the room can enhance the design of the house and bring a sense of hierarchy. The advantages of green design are highlighted here. If the place's lighting is not good, save the sunlight outside the window. The designer of the interior space layout comprehensively considers various factors to avoid unnecessary trouble caused by transformation. The utilization efficiency of natural light is greatly improved, and natural resources can be fully and perfectly utilized. If you live in a small room, you can choose the appropriate mirror size; not only can it improve the beauty, but indoor lighting quality can also be enhanced. Designers should install building materials according to the laws of nature to ensure that the house's lighting can be improved most of the time. When decorating, the interior tone can choose a light color to pave, and white can maximize the reflection of light, make the interior simple and bright, and visually make the room look more delicate.

4.4 Add natural elements

The reason for adding natural elements to the house is that people can feel the natural elements in the green design, where the atmosphere of nature can be felt everywhere while strengthening people's spiritual pursuits. (1) When transforming the interior environment, the designer fully combines the natural environment and the interior environment and displays some natural elements in the interior, such as the introduction of natural light as a design element. Natural light can make the space alive but also let the color show the best state. More can make your furniture and soft clothing move up. If you bring more light into the room, it will have a more positive impact. (2) The application of the principle of "sustainability": The concept of green living and the protection of the earth's resources is integrated into the design of designers, which is the pursuit of natural furniture in contemporary society. Designers should return modern science and technology to natural trends, and use new technologies to recycle building residues such as construction projects into new functions. (3) Make good use of natural materials: Although natural materials are more expensive than ordinary materials, there is no difference in comparison. And the most important thing is that natural materials have the advantage of health and environmental protection over ordinary materials, which is what we pursue.

4.5 Pay attention to the choice of indoor furnishings

In the selection of interior furnishings, designers pay special attention to the green environmental protection of furnishings to let customers understand that the price is not necessarily reasonable. Everything must be carefully selected on the spot, changing people's excessive attention to the cost and style of the concept. The green design concept in indoor furniture promotes green furniture, such as wood furniture, which can well reflect the principle of green environmental protection. Human health will not cause too much harm to the table, but it will also achieve the secondary use of materials. In choosing healthy and straightforward indoor jewelry, highlighting people's taste simultaneously can play a role in energy saving and environmental protection of the jewelry it is the green design concept advocates. When choosing furniture, we must combine comfort and practicality with green environmental protection. Some furniture will use unique materials to pursue quality or a sense of shape, which will contain many harmful substances, and some will be tacky when used. Refrain from giving up practicality to pursue good looks unthinkingly, consider whether there is a demand for careful indoor consideration, and avoid unnecessary expense waste.

5. Conclusion

From the perspective of environmental protection, we pay attention to the natural experience of people's living and create a zero-pollution, pollution-free, and comfortable working and living environment for people. The introduction of the concept of green design into the indoor space environment is becoming increasingly mature, promoting the idea of green design in the face of the development of science and technology. Green Design follows the story of The Times, which in turn raises a more comprehensive level.

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