Interior Decoration Design and Construction Technology of Hardcover Room

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Abstract. The interior decoration design and construction of the hardcover room is to meet the needs of residents for a safe, comfortable, and warm living environment, so that residents can get a good living experience. The interior decoration and decoration of the hardcover room need to take full account of the individual needs of the residents, carry out the decoration design reasonably, and according to the design content, adopt the cash construction technology to create a good living environment for the residents. Based on this, this paper analyzes the needs of the household for the interior decoration of the hardcover room, and discusses the relevant points of interior decoration design and construction from the angles of safety, economy and individuation, so as to provide a new idea for the interior decoration design and construction of the hardcover room.

Keywords: Hardcover Room, Interior Decoration Design, Construction Technology

1. Introduction
Hardcover room is a kind of exquisite and harmonious housing, which can provide a good living environment for residents and meet their needs for safety and comfort. In the interior decoration design and construction process of the hardcover room, we should take full account of the individual needs of the residents, pay attention to the control of details, design the space structure according to the needs of the use of the house, choose the decoration style that accords with the household personality and taste, and ensure the construction quality.

2. Household Requirements for Interior Decoration in Hardcover Rooms
Hardcover room after the completion of construction unified interior decoration, to create a delicate living environment. The interior decoration of hardcover room should stand in the household angle; understand its actual demand, preference. Households buy hardcover rooms, the main demand are to build their own home. The interior decoration of hardcover room needs to highlight the concept of "home ", create a harmonious and warm atmosphere, and give residents a good sense of security. From the level of safety, the pollution of decoration and decoration materials cannot be ignored, adhere to the principle of low pollution, and choose environmental protection materials as far as possible. Housing decoration, most households have the need to reduce decoration costs. Therefore, the hardcover room interior decoration, decoration, should reduce the cost as far as possible, choose "good
quality and cheap" decoration, decoration materials. Uniform decoration, decoration of the hardcover room, often with popular characteristics, lack of certain characteristics, difficult to attract the interest of residents. In the interior decoration of the hardcover room, it is necessary to change the fixed and unified decoration style, but to take into account the personality and taste of more households, to create a variety of interior decoration, and to provide more choices for people. Safety, economy and individuation are the demand of the household for the interior decoration of the hardcover room, which should be considered in the process of interior decoration design and construction [1].

3. Design Points of Interior Decoration in 2. Hardcover Room

3.1. Functional Partitions

The interior decoration design of hardcover room needs to understand the indoor space structure, define the function partition, select the appropriate decoration according to the function of different area space, and carry on the design pertinently. The interior decoration design of hardcover room should match the style of architectural design. In architectural design, the designer in charge of interior decoration design also needs to participate in it, actively communicate and communicate, and work out the architectural design plan together. Considering the future use needs of the residents, from the practical point of view, the functional zoning design, each functional area can be properly separated, while maintaining a harmonious relationship, give full play to the functions of each functional area, To provide convenience for the daily life of the residents. After the construction of hardcover room, it also makes a simple functional partition to meet the basic needs of residents. However, considering the needs of residents in safety, comfort, and personalization and so on, it is necessary to add functional zoning design in interior decoration design. Taking the hardcover room with three rooms, two rooms and two Wei pattern as an example, the structure is reformed in the interior decoration design. Refine the household's life needs and understand their way of life. In the fixed spatial pattern and limited spatial conditions, skillfully make adjustments to increase functional zoning. Considering that the main function of cloakroom is storage, it is to increase storage space by shortening aisle. In terms of spatial layout, the functional area is divided by local wall removal and cabinet addition, as shown in figure 1:

![Figure 1. Changes spatial layout and adds functional partitions](image)

3.2. Style Design

Single style, fixed is the main defects in the interior decoration of hardcover room, which cannot meet the individual needs of the residents, does not meet their taste, and is difficult to win the satisfaction of the residents. In the interior decoration design of the hardcover room, we need to understand the taste
and preferences of the residents. Pay attention to color collocation, understand the color preference of residents, according to the indoor space pattern, reasonable collocation, and create a three-dimensional indoor space. In different functional areas, you can choose different wall colors. In small space, choose white or brighter yellow, orange, to achieve the effect of expanding the field of vision, increase the sense of space. Bedroom wall color, mainly white, appropriate decoration household like color, should not choose yellow, orange and other bright colors, will interfere with the household sleep, but also do not recommend the use of purple, blue-based tone, easy to produce a sense of depression, affect the mood of the household. In the children's bedroom, you can choose pink, blue as the wall color, can highlight innocence, and stimulate children's imagination, conducive to the growth of children.

In addition to color collocation, the interior decoration design of hardcover room should also form a unified style and style with outdoor architectural style, the purpose of which is to achieve internal and external coordination. Take the age office worker, white-collar personage as an example, this crowd pursues the fashion, exquisite and simple, in the hardcover room interior decoration design, focuses on the space simplicity, the decoration simple, chooses the black, the white, the gray and so on color, carries on the metal, the glass, the stone and so on different material collocation, pays attention to the space combination, constructs on the succinct, has the level space, conforms to its esthetic tendency. The pursuit of cultural diversity, the elements of culture, history, mainly reflected in the layout, axis, fully highlight its personality and style. Or add natural elements, use plants, flowers, create indoor natural landscape, add a touch of green in the reinforced concrete jungle, can increase the vitality and vitality of building housing [2].

4. Construction Points of Interior Decoration in 3. Hardcover Room

4.1. Wall Decoration Construction
In the process of interior decoration and decoration of hardcover room, according to the needs of residents for safety, comfort, practicability and other aspects, understand their personality and preferences, focus on functional zoning and style design, carry out interior decoration design work, and then carry out construction according to the interior decoration design scheme [3]. In the process of interior decoration and decoration of hardcover room, wall decoration is a very important link, so it is necessary to strengthen construction management and improve construction quality. Plastering is the basic link of wall and cylinder decoration. In the process of wiping the bottom ash, the horizontal line and the vertical line are used to level and straighten respectively. Observe whether the upper and lower mortar piers are hard and apply mortar bands (30~50 mm). Then push flat, punching reinforcement, before the mortar layer completely dry, wall bottom plastering [4]. Before plastering, you need to keep the wall moist. After the bottom ash is slightly dry, apply the middle ash and grind it flat. After most of the middle ash is dry, then apply the middle ash, and compaction, grinding, calendaring treatment to check whether there are cracks on the surface [5].

In the process of ceiling plastering, the reinforced concrete keeps the wet state, carries on the bottom plastering operation, after grinding and scraping, maintains the flat and smooth state, ensures that there is no depression, deep mark [6]. After the bottom ash gradually becomes dry, apply the plastering layer ash, and carry on the calendaring treatment, eliminate the bubble, crack, pay attention to the intersection part of the ceiling, wall edge, beam edge, keep vertical in the process of plastering. After finishing the ceiling plastering, do the related maintenance work to reduce the influence of temperature, humidity and sunlight. In the process of latex paint construction, clean up the loose part of the wall surface, remove the ash and keep a good clean degree. On this basis, smear 108 water, repair wall cracks and potholes. Line scraping putty operation 2~3 times, brushes latex paint oil [7].

4.2. Ground Decoration Construction
In the process of floor decoration construction, it is also necessary to strictly follow the interior decoration design of hardcover room. In the mortar ground base, ash cleaning, decontamination
treatment. Use cement slurry, evenly brush the bonding layer, and check the quality of painting. According to the horizontal line, make ash cake [8]. Then draw the middle ash cake, punching operation, laying mortar, and scraping, grinding treatment, evenly sprinkled with cement powder, grinding plate calendaring. After 3 times of calendaring, pay attention to watering maintenance to avoid cracks. After the cement mortar floor construction is completed, the floor brick construction is carried out, the ash cake and the punching bar are laid, and the mud is brushed on the surface of the base course wet on the surface, and the mud is leveled and compacted. According to the center line, pull wire, used to control the block material. Lay the block material, apply cement paste on the back of the block material, knock flat, and clean up the excess cement paste [9]. Check the cement paste after solidification for cracks, fill it and keep it flat. After the completion of the floor tile lying, check for empty drum, loosening and cracks, timely repair.

4.3. Construction of Water Supply and Drainage Concealment Works and Electrical Concealment Works

During the construction of water supply and drainage concealment project, determine the scope of construction, understand the relevant requirements of pipeline installation, cold and hot installation, check the pipe fittings interface, water supply fittings, gas alarm and other components, and make full preparation for construction. In the process of pipeline installation, cold and hot installation, pipeline laying, safety valve installation, it is necessary to check the floor drain position to confirm whether it is in the center of the floor tile, and the relevant materials and components should conform to the national quality standard. Pipe interface position without broken wire, bite wires, not firm and so on, to ensure that the pipe support buried flat. In the construction process of electrical concealment project, it is necessary to make clear the connection of grounding mode, total equal point connection, wiring, wire connection, circuit control and so on, and to check the installation of line slot, the conduit and the lamp, galvanized layer and gate in accordance with the national quality standard [10].

Conclusion: to sum up, the interior decoration design and construction of hardcover room, the residents have the needs of safety, economy, individuation and so on, should be satisfied as far as possible, so that the residents can get a better living experience. In the interior decoration design of hardcover room, we should focus on the functional partition, give full play to the functions of each functional area, and bring convenience to the daily life of the household. At the same time, pay attention to style design, in line with the personality and taste of the household. On this basis, according to the design plan, carry out decoration construction to create a comfortable and warm living environment.

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