Research on Decorative Effect of Architectural Decoration Materials

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Abstract: In modern architecture, architectural decoration occupies an important role; it is no exaggeration to say, if a construction project is seen as a long-distance running, building decoration is part of the race last one hundred meters. Its success or failure is related to the success or failure of the whole building. In the process of building decoration, building decoration materials selection is one of the important part, directly affects the effect and quality of architectural decoration, affects the expression of prospective designers to embodied in the construction of humanism theme. Building materials and the practical and beautiful nature of the good matching, whether from the livable or aesthetic or economic environment, etc., have a very important role. This paper mainly from the decorative effect presents the matching relation between elements, decorative materials and decorative effect to explore the architectural decoration materials in architectural decoration in use: strive to in decoration to choose the right materials and excavated materials of potential use, building decoration materials and light, color combined to achieve the most economic applicable to the decorative effect.

Keywords: Color, decorative effect, decorative materials, light.

1. INTRODUCTION

Architectural decoration is the decoration of buildings on the surface and internal decoration, is used to beautify the building engineering and architectural component for protection of buildings can increase the using function of building and building decoration is an important part of the construction project. With the improvement of people's living quality, people began to put forward higher requirements for building decoration, architectural decoration engineering should not only practical, but also beautiful. Therefore, in the architectural decoration project to do a good job in engineering design, selection of good architectural decoration materials, improve the effect and quality of architectural decoration works.

Decorative materials: decorative materials are divided into two parts: outdoor materials and indoor materials. The interior material is divided into material, plate, sheet, profiles wire five types. In the design of interior environment material the function of material is often determined by the structure and physical properties of the elements. Because of the different chemical and physical elements, the function and the range of the different materials are not the same. In other words, when we design materials, we must fully consider the material, such as waterproof, non slip, flame retardant, heat insulation, sound insulation, etc. [1]. Practical function: Such as wood floors should not be used in the bathroom, wallpaper should not be used in the kitchen, etc.

2. STATUS AND PROBLEMS OF BUILDING DECORATION MATERIALS

The projection of the construction is to provide a broad space for development of the decoration industry. And promote the development of building materials industry. At present, the overall trend of building decoration materials better, from the variety, scale, quality, sales and service as well as the technical research obtained great development, but building decoration materials industry in China is a newly developed industry, market order is not standard, some laws and regulations have yet to be further improved, market integrity also exist some problems [2].

The status quo of China's building decoration materials: decorative building materials in China is accompanied by the deepening of the reform and opening up and development, after 30 years of development, China's building materials industry basically completed the development process from scratch, from small to large, in the country formed a new industry, the construction industry to become an important product categories and new economic growth point. The rapid development of economic construction and people's living standards continue to improve, to the development of building decoration materials to provide a good opportunity and a broad market space. At present, most of foreign products in China has been able to production, new building materials needed for the three-star hotel in domestic has achieved self-sufficient; has reached more than 1000 kinds of different grades, different varieties of flower color decorative materials; in driven by market demand, has formed a nationwide building materials distribution network, to improve China's urban and rural people's living conditions, change the appearance of the city to provide the material guarantee. At the same time, China has basically formed a new type of building materials research, design, education, production, construction, circulation and other professional management system.

China Building Decoration Materials: Although the pace of development of China's building decoration materials, faster, for national economy and social progress made outstanding contributions, but a late start, production enterprises
in the management system and product quality standards, there is also a many problems, summed up, mainly in the following aspects [3].

Production enterprise dimensions slants small, number: China's production of building decorative material enterprise a considerable proportion of registered capital in less than 100 million, the annual production capacity is not highly, there are still many small new small production of building decorative material enterprise in the establishment. Due to oversupply, the survival of enterprises and the difficulties, many enterprises to produce decorative materials can not reach the requirements of the market.

The product structure is not reasonable: given the generally smaller production of building decorative material enterprise scale, enterprise funds, manpower, technology strength weak, backward production materials and equipment, scientific management, resulting in high production costs are difficult to resist the market risk [4]. Most of the production of building materials enterprises in China, is still a highly energy consumption, transportation, production and construction efficiency are lower development path.

Product quality is not stable: at present, the domestic decoration material product quality is not stable is a more prominent issue, the reason is many. But the main reason is production enterprises failed to strictly scientific management, did not seriously implement the process and product quality requirements, even with a business with a product standards are inconsistent, the production.

3. DECORATIVE EFFECT RENDERING ELEMENTS

3.1. Outdoor Decorative Elements

The architectural decoration design should be consistent with the architectural environment. The external decoration design should be consistent with the following relations, which can fully reflect the effect of architectural decoration design [5]. Ratio: in the decoration design and construction, we must consider the environment of proportion and scale issues, such as the high proportion of relationship building decoration pieces and temporal and spatial environment of volume proportion relation, architectural sculpture and architectural space environment. Environment color in the design of architectural decoration, the color of the building space and time environment is also a problem must be considered. Such as the color of the facade, the absolute can not separate from the architectural environment of tonal relationships, it should be is the restriction on adapting to the relationship, otherwise there will be overwhelming, thus of architectural space and environment of the tone and atmosphere damage. Environmental quality in the design of architectural decoration, not only to the environment, the same color, the texture of the outer decoration must be consistent with the specific time and space conditions. Such as building decoration materials quality, and the construction of the surrounding environment form a good relationship.

Pay attention to the overall decoration: in the building decoration design, must should pay attention to the overall effect of the decoration should be envisaged for architectural environment, is also on the building environment hue, the atmosphere and the mood carries on the conceptual consid-

3.2. Interior Decoration Effect Elements

Indoor space is life, work or rest place, which also gives the design of the design and the different design requirements.

Decorative effect to be matched with the design purpose, simple, complex and other design theme to the corresponding place.

Very broad definition of "simple", with the progress and development of human society, simple by previous classical luxury "more is better" to extreme Minimalism "nothing", now the minimalist style of "people-oriented", follow people's living needs, cultural preferences and life background and development, it will be with the progress of life, the development of social changes, it will not stop not before, the new elements will make simple performance more modern and more fashionable. Therefore, simple this trend will into interior design style, has been to continue the trend. Concise style in interior design and strive to performance Co. comfortable, natural life appeal, and in the interior design, simple design allows the modelling of get rid of complicated decorative lines, the performance modeling presented in a more concise way [8]. No complex condole top, corner line without decorative curve or no corner line, the ground uses con-
"Complicated" design is easy to make people think of the European style retro style, always give people the power to focus, high-end atmosphere, a symbol of power and wealth. High - grade hotels, private clubs, villas and more to see this design style. And the market of many European style retro furniture stores are also enough to see their popularity in the Chinese market. Complex designed style to the performance and the background of the host or place of the noble and elegant, rich in resources. It is more of the image of the place, rather than life, work [9]. In the complicated decorative design, complex condole top, elegant variety of decorative curve, changes in a variety of molding metope, rich patterns and parquet floor are hard mounted in the shape of best reflects the effect of the method. And in another aspect, European style of the ancient furniture, variety of curve modeling decorative products, are very good contrast space and atmosphere, ways of realization. Regardless of simplicity or complexity, the correct shape of the performance in the style of the performance of the key elements of a very important position. The correct and excellent performance is the most rapid, statues most directly reflects the style of the channel.

### 3.3. Color Performance

Color, is the people carries on the evaluation of a space the first factor; it is the first impression, affecting people of spatial attribute definition and preferences, and good color using directly affect the design works of visual presentation and popularity. It is a work of the facade, excellent color positioning and collocation can not only clearly the use of space, the use of people, but also to people with different feelings of reaction and heart changes. Thus, color is very important in design [10] (as shown in Fig. 3).

Brown: in the interior space design, the gravity of the space property, Brown is a very common color use. Wooden doors, corner line, parquet floor, can use this color. Brown calm and affinity, it is the easiest color to make a good impression, like in the diet and food have been given Brown always give people with good visual effects, in order to make the people feel the delicious the common method. And because of its heavy, interior design, it is not a large area of use, this will make the space is too dark and dreary, heavy repression. Warm color, warm color is the best.

The colours make a good impression, it is a symbol of the warm, easy to make people have a sense of belonging, in the interior renderings, the picture once formed gentle warm, people be fond of feeling will arise.

### 4. MATCHING SELECTION OF DECORATIVE MATERIALS AND DECORATIVE EFFECT

Texture: every decorative practices such as smooth coatings, decorative brick and rough brush surface, hacking and other are to people of different texture feeling, texture is mainly determined to finish the materials and practices, the same materials and different approach can obtain different texture effect, as kind of granite veneer "made of polished and made ax chop face" to texture effect is different choice of decorative texture can not just look at its decorative effect how to combine the concrete building shape, volume, elevation style considered together. For example on the facade is fine building should be texture slender smooth finishes, such as tiles, polished marble, granite veneer etc.. The volume of larger buildings available rugged decorative concrete wall, can reflect the whole building style [11]. Select the texture, in addition to the perception, while also considering the pollution problem; usually, relatively coarse textured finishes on the surface smooth degree low, inequality of defects defects to hide the ugly force strong but easy to hang and gray dust, the facade may be relatively quickly by pollution, loss of the original some decoration & effect. And the level of fine textured finishes, on the contrary, although to hide the ugly ability is weak, but hanging ash small plot of dust; where air pollution degree and sandy areas to consider this factor should not only focus in the current texture effect.

Line: certain lattice joint concave and convex lines is also reflected in the decoration effect of the factors, set the plastering, brush stone, natural stone, aerated concrete slats and block, joint, both to prevent cracking construction recommended, is decorated facade proportion scale, door and window, prefabricated wall around, mirror edge; both easy to bump after repair and construction, and decoration of the facade, facing the linetype in some degree can also be as the overall texture of a part, its decorative effect can not be ignored (as shown in Fig. 4).

Color: color is constitute an important factor a appearance of the buildings and the impact of the surrounding environment, full use of wall color to achieve color appearance design of buildings is the most economical and reasonable and reliable. For example: "China's the Imperial Palace light grey walls keep the rubbed brickwork color effect of it for hundreds of years". When the wall is thick, it is not advisable to change the color of the wall material to decorate the wall.
In order to change the ordinary concrete wall of dark gray and the use of white cement or color cement and other practices are not economic. In this case, the use of a decorative layer or brush with a desired color is more economical and reasonable. Exterior wall paint brush, reasonable cost, fast labor is rapidly changing the appearance of the city. To speed up the construction progress of the effective measures to one determine Wallimian colours also must consider many factors, first facade colors to meet the requirements of architectural art, should be with the surrounding environment coordination "conform to the planning intention; also Wallimian colours but also by the wall surface decorative material practices even price constraints. In general tone should not be too strong makes the human to feel the stimulation and contrast should not be too strong. The facade of a building is used in color, usually in 1 colors, and the other is in a subordinate position [12]. At the same time, the large area of the application to avoid the pure color; in the selection of color than the expected color of some slightly more bright colors or will be due to fading and the impact of late decoration effect.

Fig. (4). Effect of light on decoration.

In aspect of combining architectural decoration materials and light and color: innovative use of building decoration materials, and not isolated performance of, but by molding of the integration of the environment and the environment, with light and shadow, combining together, work together to create a distinctive visual effect. Interior design as after total environmental design, building materials as one of the important parts, and light and shadow combine in order to meet the requirements of practical at the same time, and can better reflect the aesthetic and cultural connotation. In the application of building decoration materials, different materials and different light and shadow combined together will produce different texture and different decorative effects, building decoration materials have itself gloss, texture, thickness, and well-being, such as the characteristics. Such as building materials, glass, with different functional areas can be used for different lighting layout. Wash one's hands of the stage lighting design more diverse, but mainly to highlight the function, in the mirror above and the surrounding can install lamp or fluorescent lamp, easy to wash. Shower area lights can be set to two, a can be used on the ceiling ceiling lamps for lighting, so that the owner of the convenient bathing; another kind of is the lowest irradiation of light to create a warm and relaxing atmosphere.

4.1. Decoration Materials and the Use of the Environment

In choosing decorative materials, it is based on the actual structure of the building, the function of the building and the use of the building. For example, home decoration interior space to select suitable home decoration materials, in the home each space has a unique function, so the choice of decoration materials to choose according to the actual function of each space, in order to contrast is home space environment.

Living room is one of the most important parts within the spaces of the home, is to relax myself a place, different from the living room, studio, exhibition room, so in the design of the living room to consider the living environment should be relaxed and happy, decorated the living room to the relaxed and comfortable service as the standard [13]. The bedroom is the space for the construction of the rest of the building, in the design to ensure that quiet and secretive, so in the decoration of the bedroom can choose to have a natural flavor of the decoration materials. In the choosing decorative materials, we not only consider the practicality of decorative materials, but also to consider the convenience of decorative materials. In the bathroom and kitchen and other space we choose clean and bright decorative materials. In some parts of the classroom, shopping malls, hotels, and the like, because it is a public place, so people more intensive, floating population is relatively large, in the choice of decoration materials to choose easy to clean and good wear resistance of decoration materials, such as some Shuimo slate and granite etc.. In the bedroom and living room and other space to choose the comfort of the decoration materials, and in the office and some of the population flow in the place to choose a flexible and easy to clean and easy to clean.

4.2. Matching of the Security of Decoration Materials and the Use of the Environment

When choosing decoration materials, it must consider the decoration of the premises, and choose the decoration materials according to the characteristics of the decoration. For example, in the decoration of the house, the kitchen decoration materials we choose the pollution resistance and high temperature performance of the decorative materials. When decorating the stairs, choose the material with strong anti slip property. Conference room decoration materials selection, we use the sound absorption properties of the more strong materials, etc.

CONCLUSION

In Building Decoration Engineering, the choice of decoration materials is one of the most important work, different architectural decoration materials will have different decorative effect. First of all, the characteristics of architectural decoration materials will affect the effect of decoration. The texture of building decoration materials is one of the important factors that affect the decoration effect. Different materials have different texture, in the decoration to the actual structure of the building and style and architectural decoration materials quality, improve the effect of building decoration. At the same time to avoid the selection of texture and decoration materials pollution problem. Many of the decora-
The decorative surface is not smooth, can cover the building some flaw in the uneven, but this material is easy to hang on the dust, pollution resulted in the face of the building, lost adornment effect. Then, it becomes the linear effect of the decorative material. In the decoration engineering, requires a lot of linear, resulting in increased levels of a building structure, the type of decoration materials will enhance the overall decorative effect, so in the choice of decoration materials to consider the influence of linear effect of decoration. Finally, the color of the decorative material will affect the decorative effect. According to the needs of architectural decoration, the choice of decoration materials, color, can make the building and the surrounding environment coordination, and enhance the building's aesthetic [14, 15]. In short, the last one in the construction decoration project, according to the different parts of the building to choose different decorative materials, to ensure the effect of decoration. In the choice of decoration materials of consider the transparency, color and luster, so that the building has a color of decorative effect. To use the characteristics of decorative materials to form a different decorative effect, giving people different psychological feelings, so that people more easily from the heart to accept the building. The most important is to ensure the quality of the decoration materials, to ensure that the use of decorative materials to promote the overall quality of buildings.

CONFLICT OF INTEREST

The author confirms that this article content has no conflict of interest.

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REFERENCES


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