

Research on the Application of Ceramic Elements in Environmental Design

Qiong Zhao¹ and Yuanyuan Wang¹

¹School of Design Arts Jingdezhen Ceramic Institute

Keyword: Ceramic element; Environmental design; Application

Abstract. This paper has done research on environmental design and ceramic elements in traditional visual elements which is the organic combination of ceramic decoration and environmental space and the influence of the related design of ceramic elements on environmental design. By the study of environmental design and ceramic elements, we can find out the combination and fusion points of the two, and explore the design method of combining the two, so that we can have a deeper understanding of the application of contemporary environmental design and ceramic elements, thus creating both Chinese design with rich national culture and time style.

Ceramic Element in Environmental Design

China is the hometown of porcelain, known as “the country of porcelain”. The ceramic industry is a traditional industry with rich cultural heritage in China. The fine porcelain produced in the past dynasties has written glorious chapters in the history of ancient Chinese civilization. China's ceramic industry has made considerable progress, and the output of art porcelain and daily-use porcelain has been growing rapidly since the beginning of the new century. People's love for ceramics has gradually increased from satisfying the use of life to the pursuit of artistic beauty. The innovative application of ceramic elements has also become a highlight in some designing fields, as well as in environmental design. Ceramic elements have been gradually applied to many aspects of environmental design, ranging from the decoration of outdoor spaces to ceramic landscapes, architectural ceramic murals, and exterior wall decorations. Even a set of tea sets, a ceramic vase is a successful application of ceramic elements.

Advantages of Using Ceramic Elements in Environmental Design

At the beginning of its birth, ceramics mainly appeared as utensils, and later evolved into decorative organs and rituals. Later, appears sanitary ceramics, architectural ceramics and industrial ceramics. The generation and development of ceramics has been accompanied by the development of the space environment around people, more or less, large or small, or point or surface. Therefore, the history of ceramics has evolved along with the development of the space environment. The development of the space environment has always been with the shadow of ceramic elements. Human society is developing and changing, and the space environment is changing with the development of the times. At the same time, ceramic elements are developing with their own unique laws, and also beating with the pulse of the times.

Ceramic materials are very advantageous for ceramic products that are actually used in space design. Ceramics are fired at high temperature and have outstanding advantages such as corrosion resistance, high temperature resistance, abrasion resistance, dirt resistance and easy cleaning, high hardness, variety of colors, various shapes, mature construction technology, unsuitable deformation, long service life and long-lasting aging. The environment design is according to the characteristics and requirements of the specific indoor and outdoor design. It is free to choose the type of ceramic elements. You can choose the color or design, you can choose the material, and you can embellish it, or also do the theme, more or less.

Ceramic products are traditional products that consumers prefer. The various elements of traditional Chinese ceramics are very common, and their patterns, textures, shapes and other characteristics have been subtly deeply rooted in the hearts of the people. Applying these elements to

the actual space in which they are located is a re-expansion of the small elements that are played in the hands, as well as the review of tradition and classics, which will be easily accepted by consumers and is very practical.

Application of Ceramic Elements in Environmental Design

The application of ceramic elements in environmental space is very extensive and has been widely used in various spaces that we can see. For example, as the appearance of architectural ceramics, in addition to the tile paving that we often see, we often see the display of various ceramic cultural walls in the outdoor. The display of the ceramic culture wall in the interior space often leads to the style and style of the entire space.

Ceramic space decorative paintings and ceramic space accessories also appear as new classifications in a powerful posture in the space that we are in. The refining application of ceramic elements has become more distinctive in space. Its smooth plant patterns with blue and white colors allow people to feel cool and peace immediately when enter the subway station in the hot summer days. When people love it, they also sigh that blue-and-white can be presented in this form of art.

Combination of Ceramic Elements and Environmental Design Concepts

Ceramic culture is an important part of Chinese traditional culture, also is a product of the high development of national culture and the crystallization of national culture. Ceramic art has precipitated profound cultural connotations in the long history. Whether from the material of ceramic or the appearance of ceramics, decorative patterns, etc., it is historically tempered and tested. The remaining ceramic elements are rich and colorful, and have also been recognized and loved by people.

Environmental design is a functional space that is closely related to people with innovative design. In this space, people are happy to use familiar and intimate visual elements and willing to use cultural elements to enhance the quality of space. Applying traditional Chinese cultural elements to the space will have a good artistic appeal. Environmental design adheres to the people-oriented design concept, and fully considers the physiological and psychological needs of “human” in the process of design space, so it is especially important for the deep understanding of designing psychology. For the environmental space, the application of ceramic cultural elements will also be a landscape with unique national culture.

The Environmental Design Incorporating Ceramic Elements Carries the Responsibility of Cultural Development.

The current environmental design faces the diversified needs of people and the new expectation of the artistic atmosphere of the space environment. The integration of ceramic elements is one of the innovative means of environmental design. Under the guidance of the new trend of modern art design, as a highly expressive subject modern ceramic art has involved in environmental design as a highly expressive subject to meet people's basic needs of daily life. At the same time, it also highlights the attribute needs of people. This attribute demand is not same or cold, it is the personality and cultural temperature. Try to use architectural decoration materials with unique language symbols, including ceramic ornaments and ceramic murals in the living room to deepen people's daily life and close to the living environment to express the space conception with ceramic culture. The involvement of modern ceramic art culture provides a good material and cultural basis for the display of space culture.

Modern ceramic art not only highlights the natural attributes of people, but also strives to satisfy people's emotional attributes and spiritual needs. Modern ceramic art language reflects the fast-food civilization which is different from the rapid modern development. It has got rid of the balanced, abstract and symmetrical design ideas in modern industrial design. On the basis of emphasizing the ceramic art ontology materials, combine the beauty of the ceramic art decoration and the aesthetic needs of the contemporary people together to construct the profound ideological connotation and design concept of modern environmental art. Modern ceramic art not only satisfies people's routine

aesthetic needs, but also reflects a creative beauty to meet the psychological feelings of the overall space, and enhances people's aesthetic taste by transforming the form of aesthetics.

Modern ceramic art culture reflects the concept of returning to Chinese traditional culture and art. The historical development of ceramics fully demonstrates its folklore, emphasizing a manifestation of Chinese folk traditional life conveyed by ceramic art. Modern ceramic art is good at using imagination to consider style and decoration with simple and simple thinking. The excavation and refinement of traditional national art in ceramic art and environmental design is the inheritance and development of Chinese traditional culture and it is the continuation and development of Chinese ecological thought. National traditional art is a huge treasure trove of modern design art, China's modern design can continuously draw nutrients from it and feed back to it while developing to form a new Chinese national art.

The pursuit of cultural addiction in the current environmental design requires improving the living environment of people to meet the spiritual needs of modern people. Ceramic art is involved in the environmental design direction of modern environmental design, which can make people organically combine art and human environment, and feel the new cultural conception can be more conducive to the spread of ceramic culture.

The Concept of Environmental Design Promotes the Development of Ceramics.

The environmental design advocates the use of space to display beauty and the inclusion of space to create cultural connotations and historical atmosphere. For the heavy ceramic traditional culture, it can undoubtedly be more stereoscopic and comprehensive when expressing itself, instead of relying on ceramic itself to display culture. Instead, you can tell about culture and history through the sound and light in the space environment.

The existence, development, and dissemination of a culture have different interpretations in different eras, and the forms of existence are also different. For ceramic traditional culture, its normality is not only the traditional material and shape. For the promotion of its culture, the promotion of ceramic culture should be prior to the promotion of materials, techniques and shapes.

In the new historical period, it is necessary to carry out more development, and then it is inevitable to integrate with other cultural forms. Excellent environmental design can improve people's aesthetic level for the purpose of achieving communication culture, cultivating sentiment and beautifying life. The existence of various spaces provides convenience for people, and it is also easier to promote ceramic culture in a subtle way. For the traditional culture of ceramics, the meaning of its existence ranges from the first pure practicality to the later aesthetics of, and it exists in the environment in which people live. In the current period of cultural pluralism, the combination of environmental design and ceramic culture will also bring new cultural output points for the development of ceramic culture.

In the space design, some attempts on the display of ceramic culture have slowly let people realize that the beauty of ceramic culture is not only the existence of ornaments. The broken old tiles can only be abandoned for a long time. Now, through the repositioning of environmental design, it is presented in another way, showing not only the beauty of ceramic itself, but also the reinterpretation of ceramic culture. Ceramics not only show people the cleanliness of the surface, but also its brokenness is also about its experience and history. It shows more of time and process.

Conclusion

Ceramics is the invention and creation of the industrious and intelligent Chinese. It is an important carrier of the great progress of materials and culture and art. It has brought us tremendous foreign exchange wealth and glory in history. Environmental design continues to grow with the advancement of society and the growing needs of people. Pursue diverse and rich environmental design styles to meet people's multi-level needs. The application of ceramic elements opens up a new way of thinking for environmental design. The advantages of ceramic materials can be widely used in indoor and outdoor design. Ceramic elements can be used to create a cultural atmosphere by the shackles of ceramic materials. In the meanwhile, the environmental design can be used as a good carrier for ceramic culture display, providing a variety of new aesthetic ideas for the innovative development of

ceramic culture. More than 1,800 years of ceramic culture history will be better brilliance with environmental design art as its carrier.

References

- [1] H. Yang. Thoughts on Modern Ceramic Art Intervening in Public Environment Space [J]. Art and Design (Theory), Term 11, 2018
- [2] L. Xiao. Place and Zen——The Space Construction of Zhu Legeng's Environmental Ceramic Art[J]. Big Stage, Term 12, 2018
- [3] J.H. Du. Applied Research on Modern Ceramic Art in Urban Public Space Design [J]. Xi'an University of Architecture and Technology, Term 6, 2017