

## Architecture and Civil Engineering

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## UDC 711.04

## THE FOUR TEMPERAMENTS IN INTERIOR DESIGN

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*Designers and architects pay special attention to the psychological type, especially, temperament. There are four human temperaments in psychology. They have great influence on creating the interior for each person.*

Modern interior design – is an amazing art, which describes architectural and artistic building space. It talks about organization and combination of lines, shapes, textures, furniture, lighting and color in a room. As a result, there is a particular environment of a man, characterized by functional convenience, safety, climate, comfort and artistic appeal.

Since people spend most of their time in rooms, well-designed interior plays an important role in ensuring their psychological comfort. Interior design effects on productivity, helps save money, provides health and safety of people.

For each person concept convenience and comfort are different. That's why all the interiors are fundamentally different from each other. They have their own distinctive features or characteristics.

The first and the most important step in creating interior spaces is the study of the character of the owner, his preferences, tastes, interests, work, etc.

Definition of temperament is a major factor in shaping the future of the interior from the psychological point of view.

Temperament – a complex of individual personality features of the host.

Only after determining the dominant temperament of the owner an architect can move to the next step: the development of conceptual design.

There are four temperaments in psychology. They are phlegmatic, choleric, melancholic, and sanguine. Each temperament has its own positive and negative characteristics.

Among the positive qualities we can consider:  
 melancholic – a tendency to deep feelings and emotions;  
 phlegmatic – no hasty decisions;  
 sanguine – responsiveness for any job;  
 choleric – activity to work.

Of negative qualities we can consider:  
 melancholic – isolation and shyness;  
 phlegmatic – excessive tardiness;  
 sanguine – superficiality, dispersion, inconstancy;  
 choleric – hasty decisions, irritability, aggressiveness.

Temperament – is the outward manifestation of the type of higher nervous activity. As a result of education, self-education the outward manifestation may be distorted, modified, there is a "disguise" the true temperament. There is no so-called "real temperament." There is a combination of two or even three temperaments in a man.

The rhythm of activity, speed of movement, relaxation methods depends on a person's temperament. Consequently, the creation and development of environment depends on a person's temperament too.

Each temperament has its specific manifestations in the interior.

#### **Choleric**

Choleric – one of the four types of temperament. Human choleric temperament can be described as rapid and abrupt, but at the same time, unbalanced. This temperament is characterized by strong, quickly appearing feelings clearly reflected in speech, gestures and facial expressions.

There is a mixture of several styles in the interior of choleric apartment. He calmly combines classic and hi-tech, minimalist and country styles in one room. Such people can go to the experiments and are ready to bring new parts into their home.

An interior that will smooth and trim choleric stormy temperament is the best. It must satisfy cravings for change. The best color is a deep blue color. The combination with green will relax and soothe the nerves.

The better way is to stick to minimalism. Furniture should be light and capable of transforming (fig. 1).

Choleric prefers all technical achievements. There are curtains and a chandelier on the remote control, sensor lights and etc.

Choleric likes experiments, including in the design of rooms. They can easily paint one wall in a bright color, so materials are always changed in a room.



Fig. 1. Interior for a choleric

#### **Phlegmatic**

We can describe phlegmatic person as slow, imperturbable man with stable aspirations.

Phlegmatic person is one of the four main types of temperament. It is characterized by a low level of mental activity, slowness, and expressionless facial expressions.

Stability and peace are two values of the phlegmatic temperament. They are fully reflected in the character of the interiors. Such person likes things, which are not subject of fashion trends. There is furniture from parents or even grandparents in the house of phlegmatic.

The phlegmatic prefers a classic style. The furniture is durable. All elements of furniture are made of ecological elements. The interior is solid and respectable, almost without a change for decade. It is cozy, because of warm colors and natural materials (ceramics, wood, natural stone).

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There are many paintings, books and sculptures in a phlegmatic's house. Each item has its own history and artistic value (fig. 2).



Fig. 2. Interior for a phlegmatic

### Melancholic

Melancholic temperament is one of the four main types of temperament. Such person is easily vulnerable and weak.

The melancholic is characterized by low levels of mental activity, slowness of movement, speech and motor restraint. Melancholic features are high emotional sensitivity, depth and stability of emotions in low external expression. Negative emotions are dominated.

The main thing for the melancholic is to avoid stress. He creates an atmosphere of comfort, warmth and tranquility. Melancholic addictions in interior are very diverse: from classic to modern, from the Scandinavian style to ethno.

Space and emptiness are not for a melancholic. He prefers cubbyholes, hidden from other eyes. Here he can relax and perhaps spend time in the company of close friends.

Typically, melancholic zones space with shelving, screens or translucent blinds. He prefers soft, diffused lighting. There are many carpet floors and soft covers (fig. 3).

The most used colors are shades of yellow, amber and terracotta. Romantic and sentimental melancholic has many different things with their own history. There are many photos, children's drawings, souvenirs, toys, dried flowers in his house. Therefore interior of a melancholic person consists of cupboards, alcoves and chests.



Fig. 3. Interior for a melancholic

### Sanguine

Person with sanguine temperament is living, moving, cheerful and jovial. Sanguine is characterized by high psycho-analytical activity, vigor, efficiency, speed and liveliness movements, diversity and richness of facial expressions, the rapid pace of speech. Sanguine emotions are mostly positive. They occur rapidly and quickly replaced. Sanguine person quickly adapts to new conditions and rapidly converges with people.

Sanguine lives brightly, so he paints walls of his home in fresh and bright colors: yellow, orange, cream, red, amber, terracotta. The house of a sanguine is full of joy and energy. There are noisy children, animals and guests, the music plays. His apartment is full of air and light.

Sanguine does not like large furniture and excess things. But we cannot say about one stylistic preference. Maybe, one sanguine prefers the romantic style, and the other - an extreme. His house is full of air, light and color. The sanguine person has lot of glass and mirrors that visually expand the space.

In short, a sanguine tends to create bright and welcoming atmosphere in his house.



Fig. 4. Interior for a sanguine

Thus, knowledge about temperament is widely used in many fields of human activity, especially in the design. It is clear that unlike people need a completely different decor. Interior is a reflection of the individual owner. That is why psychologists and designers recommend paying special attention to the psychological type of the owner, especially his temperament.

Creating a specific interior in his apartment or house, an architect try to find the point of intersection of the two worlds: the world of interiors with their laws, canons, history, and the world of his own mental and taste preferences. Therefore, experts say that the search for "his style" interior is simple and complex at the same time: decor elements should be in harmony with the inner world of a man.

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#### **STRENGTH AND DEFORMABILITY OF COMPRESSED CONCRETE ELEMENTS WITH MECHANICAL CONNECTIONS OF REINFORCING BARS**

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*In this research work experimental data of the mechanical properties of armature of mechanical connections are presented. They ate featured by device simplicity, minimal cost as well as the necessary strength.*

*Results of research obtained from testing connections in full-scale samples - reinforced columns.*