



SURFACESTUDIO

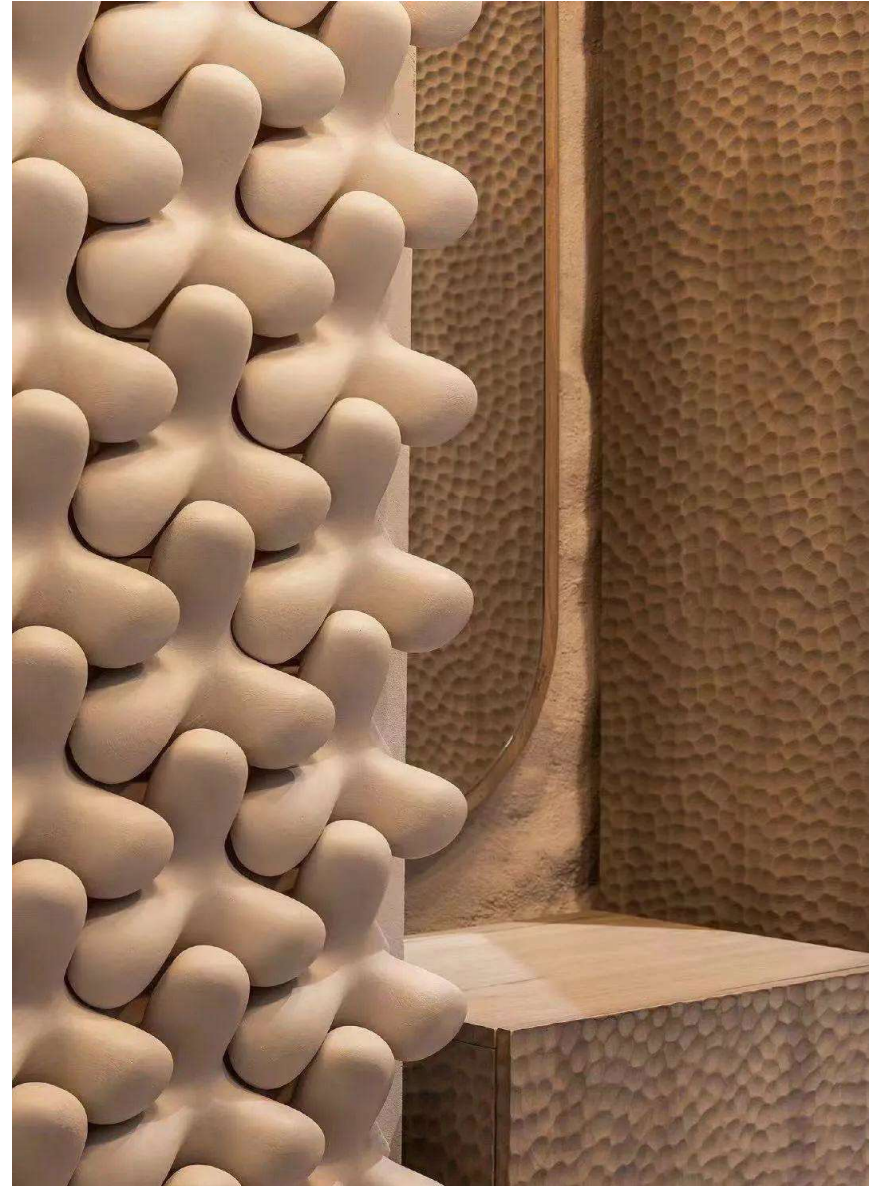
YOUR VISION, YOUR SURFACE

K Foam Cascading

New Decorative Material

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Introduction



Foamed ceramics are made from a mixture of ceramic tailings, fragments, river silt, and solid waste as the primary raw materials. Using foaming technology, the material is high-temperature roasted, resulting in a closed-cell ceramic material with high porosity. Foamed ceramics are characterized by their lightweight, pressure-resistant nature, and environmentally friendly properties. Additionally, the material can be easily cut and carved to desired shapes. It is widely used in indoor and outdoor wall decoration and partition applications due to its versatile properties

Product name: K Foam Cascading

Specifications: 295*265*100mm

Features: Light Weigh, pressure resistant, environment friendly

Application Space: Indoor & Outdoor wall decoration and partitions

Characteristics

Thermal Insulation:

Thanks to its high porosity and independent closed-cell structure, foaming ceramics possess excellent thermal insulation properties, with a low thermal conductivity of only $0.064W/(M\cdot K)$. In terms of noise reduction, the product's structure plays a significant role. A 10cm thick foaming ceramic material has an air sound insulation volume of 43dB, which meets the common requirements for indoor partition walls, effectively reducing noise pollution.

Green Environmental Protection:

Foamed ceramics is an innovative and eco-friendly building material that promotes green development and circular economy. The product is made from granite tailings, which enables comprehensive resource utilization and aligns with the principles of sustainable development. With a commitment to the environment, foamed ceramics represents a responsible choice for the construction industry.

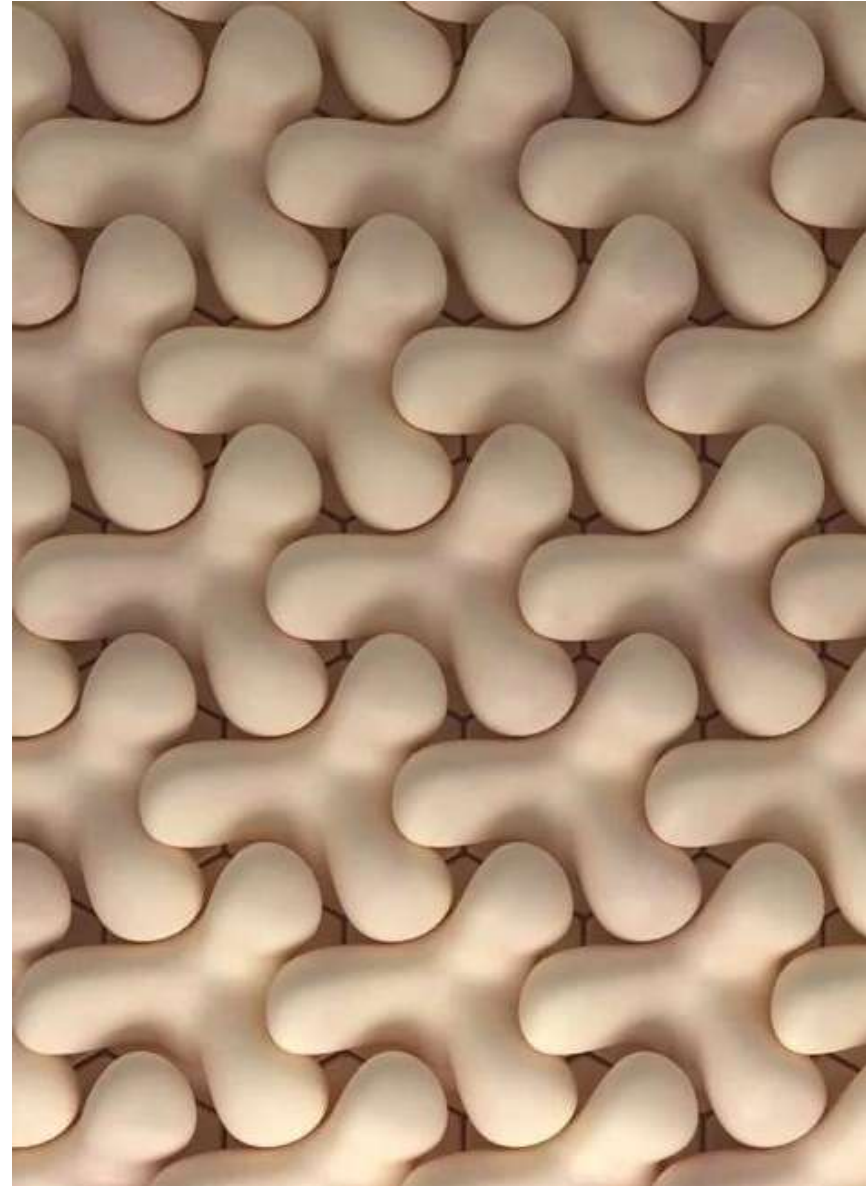
Easy Installation:

Installing foamed ceramic partition boards is a hassle-free process that involves a tenon and groove structure on both sides of the wall board. The joints are bonded using ceramic tile glue, and the board is connected to the main body structure (beam, plate, and column) using galvanized L angle code. This dry construction approach ensures a safe and civilized work site and helps to minimize construction waste. With such ease of installation and environmental benefits, foamed ceramic partition boards are an excellent choice for builders and contractors.



Installation

1. Prepare the installation area by cleaning it thoroughly and ensuring that it is flat and level.
2. Arrange the foamed ceramics according to the design drawings to determine their position.
3. Apply a layer of tile adhesive or structural adhesive to the back of the foamed ceramics.
4. Place the foamed ceramics onto the installation area and press firmly to ensure a strong bond.
5. Continue to install the foamed ceramics layer by layer until the entire area is covered.
6. Install the texture board by applying a layer of adhesive onto the woodworking board or clean blank wall, leaving a 2mm gap.
7. Install the texture board onto the adhesive and press firmly to ensure a strong bond.
8. Finally, spray paint the foamed ceramics to change the color or retain the original color.





Case Study







