

High Refractoriness Mullite Ceiling Bricks For Industrial Kilns

Our Product Introduction

Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Mullite Ceiling Bricks
- Minimum Order Quantity: 1 Ton
- Price: 200-800USD
- Packaging Details: Packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000tons /month

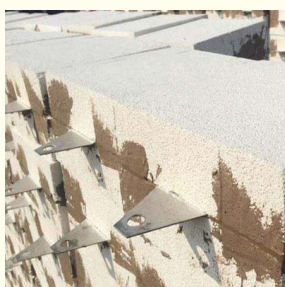


Product Specification

- Highlight: High Refractoriness Mullite Ceiling Bricks, Industrial Kilns Mullite Ceiling Bricks, Industrial Kilns Ceiling Bricks



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Product Description

Product Description of High Refractoriness Mullite Ceiling Bricks For Industrial Kilns

Mullite ceiling bricks are primarily made from mullite material, which is why they are often referred to as **mullite-based ceiling bricks**. The composition of mullite ceiling bricks is similar to that of mullite lightweight bricks, with an alumina content typically ranging from 65% to 75%. In addition to mullite, the mineral composition may include a small amount of glass phase and quartz in bricks with lower alumina content, and a small amount of corundum in bricks with higher alumina content.



Characteristics of High Refractoriness Mullite Ceiling Bricks:

Low Thermal Conductivity: Excellent thermal insulation and heat retention.

Low Heat Capacity: The ZM series insulating bricks accumulate very little heat, offering significant energy savings during intermittent operations.

Low Impurity Content: Very low levels of oxides such as iron and alkali metals, ensuring high refractoriness. The higher alumina content allows the bricks to maintain good performance even in reducing atmospheres.

High Thermal Compressive Strength.

Dimension Accuracy: Accelerates bricklaying speed, reduces the amount of refractory mortar needed, and ensures strong and stable masonry.

Performance Specifications:

Refractory Temperature: 1350-1550°C

Bulk Density: 800-1000 kg/m³

Thermal Conductivity (at 800°C): 0.35 W/n-K

Strength: 4-5 MPa

Packaging: Palletized

Product Category: Mullite Products

Specifications: 23023065 mm; 25023097 mm

Although the national standard specifications for ceiling bricks are limited to these two sizes, due to the varying scales of different industrial kilns, we often focus on custom orders in our production, manufacturing specific models of ceiling bricks based on the unique requirements of our customers.

**Applications of Ceiling Bricks:**

Used in various industrial kilns, such as dome furnaces, heating furnaces, cracking furnaces, heat treatment furnaces, shuttle kilns, tunnel kilns, roller kilns, enameling kilns, ceramic kilns, for ceiling and wall linings, as well as heat-insulating linings.



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