

# Long-Lasting Low Porosity Fireclay Bricks For Cost-Effective Solutions

Our Product Introduction

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## Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Rongsheng
- Minimum Order Quantity: 1 Ton
- Price: 200-800 USD
- Packaging Details: Packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 20-30 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons/month



## Product Specification

- Highlight: High Durability Fireclay Bricks, Long-Lasting Fireclay Bricks

Our Product Introduction

## Product Description

**Introduction of Long-Lasting Low Porosity Fireclay Bricks for Cost-Effective Solutions:**  
 In industries where efficiency and durability are paramount, low porosity fireclay bricks stand out as a top choice. Their advanced composition provides superior insulation and strength, addressing the challenges of high-temperature applications with ease.



#### Product Features of Long-Lasting Low Porosity Fireclay Bricks for Cost-Effective Solutions:

1. Advanced Insulation: The low porosity structure enhances thermal insulation, leading to better heat retention and reduced energy costs.
  2. Thermal Shock Resistance: Designed to endure rapid temperature fluctuations without compromising structural integrity.
- High Density: Provides excellent mechanical strength and durability, essential for demanding industrial environments.

#### Applications of Long-Lasting Low Porosity Fireclay Bricks for Cost-Effective Solutions:

Petrochemical Industry: Used in reactors and furnaces to handle harsh chemical environments and high temperatures.  
 Ceramics Production: Ideal for kiln linings where high thermal efficiency and reliability are critical.  
 Power Generation: Suitable for use in coal-fired and other high-temperature power generation systems.

#### Product Specification of Affordable Factory Price Low Porosity Fireclay Bricks

Item	Index
Al <sub>2</sub> O <sub>3</sub> %	≥45
Fe <sub>2</sub> O <sub>3</sub> %	≤1.3
Bulk Density g/cm <sup>3</sup>	≥2.3
Apparent Porosity %	≤16
Cold Crushing Strength MPa	≥65
Creep rate % 1200 ×50h	≤0.05
Thermal shock resistance cycle 1100 water cooling	10

#### Advantages of Long-Lasting Low Porosity Fireclay Bricks for Cost-Effective Solutions:

Energy Savings: Improved insulation properties contribute to lower operational costs by reducing energy loss.  
 Durability: The bricks' resistance to thermal shock and abrasion ensures a longer service life, minimizing maintenance needs.  
 Versatility: Suitable for a wide range of high-temperature applications, making them a versatile choice for various industries.

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