

## ISO Furnace Refractory Bricks Low Porosity Firebrick Clay For Line Furnaces

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou, Henan, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO Certification
- Model Number: SK-32, SK-34, SK-36
- 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: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons /month



### Product Specification

- Abrasion Resistance: High
- Application: Furnace Lining, Kiln Lining, Etc.
- Bulk Density: 1.8-2.2g/cm<sup>3</sup>
- Chemical Composition: High, Medium, Low
- Feature: High Refractoriness
- Flexural Strength: High
- Model: As Required
- Modle: As Required
- Softening Temperature: High/Medium/Low
- Surface: Smooth, Rough, Etc.
- Temperature: High
- Thermal Conductivity: ≤1.5W/m·K
- Type: Brick HA-60
- Use Zone: Transition Zone
- Volume Density: ≥2.20g/cm<sup>3</sup>

### Product Description

#### Description of Low-porosity Fireclay Bricks

Low-porosity fireclay bricks are a type of refractory brick made from high-quality fireclay that has been fired at a high temperature. They are known for their low porosity, which means they have very few air spaces or voids. This makes them very dense and resistant to heat, chemicals, and abrasion. low porosity fireclay brick.

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#### Features of Low Porosity Fireclay Brick

1. Good resistance to corrosion and abrasion;
2. Perfect thermal shock resistance;
4. High mechanical strength;
3. Good spalling resistance;
6. Excellent thermal performance, and acid resistance;
5. Good volume stability under high temperature;

#### Low-porosity Fireclay Bricks are used in a variety of applications, including:

Furnace linings: They are used to line furnaces in the steel, glass, cement, and other industries.

Kilns: They are used to line kilns in the ceramic and pottery industries.

Incinerators: They are used to line incinerators in the waste disposal industry.

Boilers: They are used to line boilers in the power generation industry.

If you are looking for a high-quality, durable, and versatile refractory brick, low-porosity fireclay bricks are a good option. They are widely available and relatively affordable.

#### Product Specification of Low-porosity Fireclay Bricks

Item	Fire Clay Brick SK-32	Fire Clay Brick SK-34	Fire Clay
Al <sub>2</sub> O <sub>3</sub> (%)	30	38	
Fe <sub>2</sub> O <sub>3</sub> (%)	3	2.5	
Refractoriness (SK)	32	34	
Refractoriness under load, 0.2MPa, Ta, ((°C)	1300	1350	
Porosity (%)	22-26	19-23	
Bulk density (g/cm <sup>3</sup> )	2.05	2.10-2.15	2.1
Cold crushing strength (MPa)	25	25	
Thermal expansion at 1000°C (%)	0.6	0.6	



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