

## High Flexural Strength Fireclay Brick With Thermal Shock Resistance $\geq 20$ Times

Our Product Introduction

for more products please visit us on [bricksrefractory.com](http://bricksrefractory.com)

### Basic Information

- Place of Origin: Zhengzhou, Henan, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO Certification
- Model Number: SK-30, SK-32, SK-34, SK-35
- 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

- Unit Weight: 3.6kg
- Compressive Strength:  $\geq 50$ MPa
- Flexural Strength: High
- Chemical Resistance: High
- Surface Finish: Glazed
- Usage: Exterior/Interior
- Load Softening Temperature: 1250-1450 Degrees Celsius
- Heat Resistance: Excellent



### More Images





## Product Description

### Product Description:

Fireclay bricks are made of high-quality clay and minerals that are carefully selected and processed to ensure consistent quality and performance. They are characterized by their high-alumina content, which provides them with exceptional thermal stability and resistance to thermal shock. Additionally, fireclay bricks have a low Fe<sub>2</sub>O<sub>3</sub> content of less than 2%, which makes them highly resistant to chemical attack and corrosion.

Fireclay bricks have a glazed surface finish, which gives them a smooth, non-porous surface that resists penetration by liquids and gases. This makes them ideal for use in applications where a high level of impermeability is required, such as in furnaces and other high-temperature processing units.

In addition to their excellent chemical resistance and surface finish, fireclay bricks also exhibit exceptional UV resistance, which means they can withstand prolonged exposure to sunlight and other sources of ultraviolet radiation without deteriorating or losing their properties.

Fireclay bricks are also highly frost-resistant, meaning they can withstand freezing and thawing cycles without cracking or degrading. This makes them ideal for use in outdoor applications or in areas with frequent temperature changes.

In summary, fireclay bricks are an excellent choice for anyone looking for high-quality, durable refractory materials for their furnace or other thermal processing units. Their excellent chemical resistance, high-alumina content, glazed surface finish, UV resistance, and frost resistance make them a reliable and cost-effective solution for a wide range of high-temperature applications.

### Features:

Product Name: Fireclay Brick

High Refractoriness: 1680°C

Fe<sub>2</sub>O<sub>3</sub> Content: ≤2%

Heat Resistance: Excellent

Load Softening Temperature: 1250-1450 degrees Celsius

Low Thermal Conductivity: The thermal conductivity is low, and the thermal expansion coefficient is small

Our Fireclay Brick is a type of refractory fire bricks that are kiln fired clay bricks used for building furnaces and kilns. They have excellent heat resistance and can withstand high temperatures up to 1680°C. Additionally, these furnace refractory bricks have low thermal conductivity and a small thermal expansion coefficient, making them ideal for use in high-temperature applications.

### Technical Parameters:

Strong Slag Resistance	Chemical resistance, acid resistance is greater than alkali resistance
Compressive Strength	≥50MPa
Heat Resistance	Excellent
High Refractoriness	1680°C
Thermal Conductivity	≤1.5W/m·K
Flexural Strength	High
Thermal Shock Resistance	≥20 Times
Unit Weight	3.6kg
Crushing Strength	≥30MPa
Low Thermal Conductivity	The thermal conductivity is low, and the thermal expansion coefficient is small

### Applications:

Our refractory clay bricks are versatile and can be used in a variety of applications. They are ideal for high-temperature industrial processes, such as in foundries, steel mills, and cement plants. Our bricks' chemical resistance is high, making them ideal for use in environments with corrosive chemicals.

The high flexural strength of our bricks makes them ideal for use in furnaces and kilns. They can withstand the weight of heavy loads and high temperatures without breaking down. Our bricks' thermal conductivity is low, making them ideal for use in insulation applications.

Our refractory clay bricks are also UV resistant, making them ideal for use in outdoor applications. They are perfect for use in chimneys, fireplaces, and outdoor ovens.

Our minimum order quantity is 1 ton, with prices ranging from 200-800 USD. We accept payment terms of TT and L/C, and we have a supply ability of 2000 tons/month. Our delivery time is 10-20 days, and our bricks are packed on wooden pallets with a waterproof cover and tightened with plastic/steel bandages. Each brick weighs 3.6kg.

Overall, Rongsheng Xinwei's refractory clay bricks are an excellent choice for anyone in need of high-quality, durable, and versatile kiln fired clay bricks. Our products are designed to withstand the toughest conditions and provide reliable performance.

### Support and Services:

Our Fireclay Brick products are made to withstand high temperatures and provide excellent thermal insulation for industrial applications. We offer technical support and services to ensure that our customers get the most out of our products. Our technical team is available to answer any questions and provide guidance on installation, maintenance, and troubleshooting. We also offer on-site inspections and testing to ensure optimal performance of our Fireclay Brick products. Our commitment to quality and customer satisfaction means that we are always striving to improve our products and services to meet the evolving needs of our customers.

### Packing and Shipping:

Product Packaging:

The Fireclay Bricks are carefully packed in wooden crates to ensure safe transportation. Each crate contains 500 bricks and is securely sealed to prevent any damage during transit.

Shipping:

We offer worldwide shipping for our Fireclay Brick product. Our shipping partner will deliver the product right to your doorstep within the estimated delivery time. Shipping charges will be calculated based on the weight and destination of the shipment.

### FAQ:

**Q: What is the brand name of the Fireclay Brick?**

A: The brand name of the Fireclay Brick is Rongsheng Xinwei.

**Q: What are the available models of the Fireclay Brick?**

A: The available models of the Fireclay Brick are SK-30, SK-32, SK-34, and SK-35.

**Q: What certifications does the Fireclay Brick have?**

A: The Fireclay Brick has ISO certification.

**Q: What is the minimum order quantity for the Fireclay Brick?**

A: The minimum order quantity for the Fireclay Brick is 1 ton.

**Q: What is the price range of the Fireclay Brick?**

A: The price range of the Fireclay Brick is between 200-800 USD.

**Q: What are the payment terms for the Fireclay Brick?**

A: The payment terms for the Fireclay Brick are TT and L/C.

**Q: What is the supply ability of the Fireclay Brick?**

A: The supply ability of the Fireclay Brick is 2000 tons/month.

**Q: What is the delivery time for the Fireclay Brick?**

A: The delivery time for the Fireclay Brick is 10-20 days.

**Q: How is the Fireclay Brick packaged?**

A: The Fireclay Brick is packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages.



**Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd**



+86-18538509097



Jackyhan2023@outlook.com



bricksrefractory.com

11th Floors, Building 6, China Central Electronic Commerce Port, Daxue Road, Zhengzhou, Henan, China