

## High Abrasion Resistance Curved Fire Bricks Refractory Brick Round Fire Clay Bricks

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Fire Clay Brick SK-32 , Fire Clay Brick SK34, Fire Clay Brick SK36
- 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: 20-30DAYS
- Payment Terms: TT; L/C
- Supply Ability: 2000tons /month

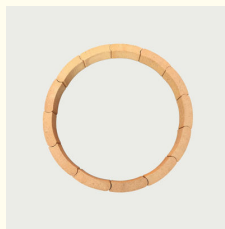


### Product Specification

- Abrasion Resistance: High
- Chemical Resistance: High
- Color: Red
- Compressive Strength: High
- Density: High
- Edge: Straight
- Fire Resistance: High
- Flexural Strength: High
- Hardness: High
- Material: Clay
- Shape: Rectangular
- Size: Standard
- Surface: Smooth
- Thermal Conductivity: Low
- Water Absorption: Low



### More Images



### Product Description

#### Product Description of High Quality Refractory Brick Manufacturer Provide Curved Round Fire Clay Bricks

Clay refractory bricks refer to the clay products of aluminum silicate materials with  $Al_2O_3$  content of 30%~40%. The refractoriness is up to 1690~1730 . Fireclay Bricks are produced with the kaolinite ( $Al_2O_3 \cdot 2SiO_2 \cdot 2H_2O$ ) as the main mineral composition and 6~7% impurities (potassium, sodium, calcium, titanium and ferrous oxide).

Fireclay Bricks belong to faintly acid refractory product that can resist acid slag and gas erosion, but has low resistance to alkaline substance.

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#### Features of High Quality Refractory Brick Manufacturer Provide Curved Round Fire Clay Bricks

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

#### Application of High Quality Refractory Brick Manufacturer Provide Curved Round Fire Clay Bricks

It is widely used in metallurgy, building materials, chemical industry, petroleum machinery manufacturing and other industrial fields, and is applicable to heating furnace, soaking pit, heat treatment furnace, blast furnace, hot blast furnace, coke oven, tunnel kiln, rotary kiln, flue and other related parts.

#### Specifications of High Quality Refractory Brick Manufacturer Provide Curved Round Fire Clay 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/cm³)                         | 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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