

## Sk32 Sk34 Sk36 Sk38 High Alumina Refractory Brick High Compressive Strength Fire Bricks

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: RS-48, RS-55, RS-65, RS-75, RS-80
- 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

- Bulk Density: High, Medium, Low
- Chemical Composition: High, Medium, Low
- Cold Crushing Strength: High, Medium, Low
- Color: Red, Brown, Grey, Etc.
- Density: High, Medium, Low
- Material: Clay, Alumina, Magnesite, Etc.
- Porosity: High, Medium, Low
- Refractoriness: High, Medium, Low
- Refractoriness Under Load: High, Medium, Low
- Shape: Rectangular, Square, Circular, Etc.
- Size: Standard Or Customized
- Thermal Conductivity: High, Medium, Low
- Thermal Expansion: High, Medium, Low
- Thermal Shock Resistance: High, Medium, Low
- Highlight: Sk32 Sk34 High Alumina Refractory Brick,

### Product Description

#### Product Description of Rongsheng Sk32 Sk34 Sk36 Sk38 High Alumina Refractory Brick - High Compressive Strength & Thermal Efficiency

Rongsheng High Alumina Bricks, available in SK32, SK34, SK36, and SK38 grades, are engineered to deliver exceptional performance in high-temperature applications. These refractory bricks are a testament to quality and reliability, offered at competitive prices.

Our Product Introduction



### Key Features of Sk32 Sk34 Sk36 Sk38 High Alumina Refractory Brick - High Compressive Strength & Thermal Efficiency

**Premium Alumina Composition:** These bricks are formulated with high-grade alumina, ensuring outstanding thermal stability and resistance to extreme temperatures.

**Versatile Grade Options:** Available in SK32, SK34, SK36, and SK38 grades, allowing for precise selection based on specific application requirements.

**Low Thermal Conductivity:** These bricks exhibit superior insulating properties, minimizing heat loss and enhancing energy efficiency.

**High Compressive Strength:** Engineered for durability, these bricks possess impressive load-bearing capacity, maintaining structural integrity under heavy loads.

**Excellent Resistance to Chemical Corrosion:** These bricks demonstrate exceptional resistance to various chemicals, making them suitable for applications in corrosive environments.

**Precision Manufacturing:** Each brick is crafted with precision, adhering to strict industry standards for dimensions and shapes, facilitating seamless installation.

### Advantages of Rongsheng High Alumina Brick Sk32 Sk34 Sk36 Sk38:

**Competitive Pricing:** Rongsheng offers these high-quality bricks at a competitive price, providing an economical solution without compromising performance.

**Extended Service Life:** The exceptional durability of these bricks leads to longer service intervals, reducing maintenance costs and downtime in the long run.

**Wide Range of Applications:** These bricks find utility in numerous industries, including metallurgy, ceramics, petrochemicals, and more, making them a versatile solution for high-temperature processes.

**Efficient Thermal Management:** The low thermal conductivity of these bricks helps maintain uniform temperatures within furnaces and kilns, ensuring consistent heat distribution.

**Customizable Options:** Rongsheng offers tailored solutions to meet specific project requirements, providing bricks that are optimized for unique applications.

### Applications of Rongsheng High Alumina Brick Sk32 Sk34 Sk36 Sk38:

Furnace Linings

Kilns

Metallurgical Industry

Ceramics Industry

Petrochemical Industry

Invest in Rongsheng High Alumina Bricks for a reliable and cost-effective solution for your high-temperature applications.

Contact us today for personalized recommendations and bulk order inquiries.

### Technical Specifications of Rongsheng High Alumina Brick Sk32 Sk34 Sk36 Sk38:

| High Alumina Refractory Brick Physical and Chemical Index: |            |       |       |       |  |
|------------------------------------------------------------|------------|-------|-------|-------|--|
| Item                                                       | Properties |       |       |       |  |
|                                                            | RS-80      | RS-75 | RS-65 | RS-55 |  |
| Al <sub>2</sub> O <sub>3</sub> (%)                         | 80         | ≥75   | ≥65   | ≥55   |  |
| Refractoriness (°C )                                       | ≥1790      | ≥1790 | ≥1790 | ≥1770 |  |
| Bulk density (g/cm <sup>3</sup> )                          | 2.65       | 2.5   | 2.45  | 2.4   |  |
| Softening temperature under load (°C )                     | 1530       | ≥1520 | ≥1500 | ≥1470 |  |
| Linear changes on reheating (%)                            | 1500°CX2H  | 0.1   | 0.1   | 0.1   |  |
|                                                            |            | -0.4  | -0.4  | -0.4  |  |
|                                                            | 1450°CX2H  |       |       |       |  |
| Apparent porosity (%)                                      | 22         | ≤23   | ≤23   | ≤22   |  |
| Cold crushing strength (Mpa)                               | 55         | ≥50   | ≥45   | ≥40   |  |

|             |                                                                                                                                                          |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application | steel furnace, glass furnace, sodium silicate furnace, ceramic shuttle kiln, cement rotary kiln, blast furnace, blast furnace and reverberatory furnace. |
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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