

## Durable High Alumina Refractory Brick High Strength 65% 75% Alumina Fire Brick

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

- Application Temperature:  $\leq 1400$
- Bulk Density: 2.2-2.4g/cm<sup>3</sup>
- Chemical Composition:  $Al_2O_3 \geq 48\%$
- Color: White, Gray, Red, Etc.
- Compressive Strength:  $\geq 45MPa$
- Linear Change Rate:  $\leq 0.2\%$
- MOQ: 1 Ton
- Material: High Alumina Refractory Brick
- Packing: Wooden Pallet
- Refractoriness:  $\geq 1700$
- Shape: Square, Rectangle, Arc, Etc.
- Size: Customized
- Thermal Conductivity:  $\leq 1.5W/m.K$
- Thermal Shock Resistance: Good
- Highlight: Durable High Alumina Refractory Brick,

### Product Description

#### Product Description of Rongsheng Direct Sales Factory Price Durable & High Strength 65% 75% High Alumina Brick Refractory Brick Material

Rongsheng's High Alumina Bricks, available in both 65% and 75%  $Al_2O_3$  compositions, stand as a pinnacle in high-temperature refractory solutions. Renowned for their exceptional durability and high load-bearing capacity, these bricks are a testament to quality and reliability, offered directly from our factory at competitive prices.

Our Product Introduction



### Key Features of 65% 75% High Alumina Brick Refractory Brick Material

**Premium Alumina Composition:** Crafted from the finest raw materials, these bricks offer remarkable thermal stability and resistance to extreme temperatures.

**High Strength and Durability:** Engineered for long-term use, these bricks exhibit impressive load-bearing capacity, ensuring structural integrity under heavy loads.

**Choice of Alumina Content:** Available in both 65% and 75% Al<sub>2</sub>O<sub>3</sub> variants, allowing for precise selection based on specific application requirements.

**Low Thermal Conductivity:** These bricks provide superior insulation, minimizing heat loss and maximizing energy efficiency in high-temperature processes.

**Resistant to Chemical Corrosion:** Demonstrates excellent 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 65% 75% High Alumina Brick Refractory Brick Material

**Factory-Direct Pricing:** Rongsheng ensures that you receive top-quality bricks at a competitive factory price, providing an economical solution without compromising performance.

**Unwavering Durability:** With high strength and enduring properties, these bricks offer an extended service life, reducing maintenance costs and downtime in the long run.

**Wide Range of Applications:** Suitable for various 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 Solutions:** Rongsheng offers tailored options to meet specific project requirements, providing bricks that are optimized for unique applications.

### Application of 65% 75% High Alumina Brick Refractory Brick Material

Furnace Linings

Kilns

Metallurgical Industry

Ceramics Industry

Petrochemical Industry

Invest in Rongsheng's 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 65% 75% High Alumina Brick Refractory Brick Material

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	
Reheating Linear changes Rate (%)	1500°CX2H	0.1	0.1	0.1	0.1	
	1450°CX2H	-0.4	-0.4	-0.4	-0.4	
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, electric furnace and reverberatory furnace.					

We also can make brick according to customers' drawing and requirements.	



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