

## Standard Size High Alumina Refractory Brick High 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

- Abrasion Resistance: High
- Chemical Resistance: High
- Color: White
- Compressive Strength: High
- Density: High
- Firing Temperature: High
- Material: Alumina
- Name: High Alumina Refractory Brick
- Refractoriness: High
- Shape: Brick
- Size: Standard
- Thermal Conductivity: Low
- Thermal Expansion: Low
- Thermal Shock Resistance: High
- Highlight: **Standard Size High Alumina Refractory Brick,**

## Product Description

**Description of Factory Price High Quality Standard Size High Alumina Refractory Fire Brick**

High-alumina bricks refer to aluminum silicate refractory products with alumina ( $Al_2O_3$ ) content greater than 48%. According to the  $Al_2O_3$  content, they can be divided into groups of 48%, 55%, 65%, 75%, etc. High-alumina bricks for steel-making electric furnace roof can be divided into groups of 65%, 75%, 80%, etc. According to the application, they can be divided into high-alumina bricks for blast furnace, high-alumina bricks for electric furnace roof, high-aluminum bricks for hot blast stove, high-alumina bricks for teeming ladle, high-alumina bricks for ingot casting, general high-alumina brick, etc. The raw materials for producing high-alumina bricks are mainly high bauxite, kyanite, andalusite, sillimanite, natural corundum, industrial alumina, etc. The production process is adding an appropriate amount of binders (for example, clay) into the raw materials, mixing evenly, dry pressing to form, and firing at high temperatures.

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#### Features of Standard Size High Alumina Refractory Brick

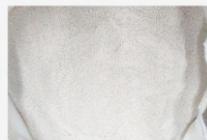
1. High refractoriness;
2. High temperature strength;
3. High thermal stability;
4. Neutral refractory;
5. Good resistance to acid and basic slag corrosion;
6. High refractoriness under load;
7. High temperature creep resistance;
8. Low apparent porosity;



High Refractoriness



Good Stability



High Purity



Wear Resisting



Impact Resistance



Erosion resistance

#### Application of Size High Alumina Refractory Brick

steel furnace, glass furnace, sodium silicate furnace, ceramic shuttle kiln, cement rotary kiln, blast furnace, electric furnace, blast furnace and reverberatory furnace.

#### Product Specification of High Alumina Brick

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	0.1
		-0.4	-0.4	-0.4	-0.4
	1450°CX2H				
Apparent porosity (%)		22	≤23	≤23	≤22
Cold crushing strength (Mpa)		55	≥50	≥45	≥40



Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd



+86-18538509097



Jackyhan2023@outlook.com



[bricksrefractory.com](http://bricksrefractory.com)

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