

## Refractory Alumina Bricks Alumina Silicate Fire Brick For Furnace

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: LZ55/LZ65/LZ75
- Minimum Order Quantity: 25 TONS
- 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

- Alumina Content:  $\geq 48\%$
- Application: Cement Kiln, Glass Furnace, Etc.
- Bulk Density:  $\geq 2.2\text{g/cm}^3$
- Cold Crushing Strength:  $\geq 50\text{MPa}$
- Color: White, Grey, Red, Etc.
- Linear Change Rate:  $\leq 0.2\%$
- Material: High Alumina Refractory Brick
- Package: Wooden Box Or Pallet
- Porosity:  $\leq 20\%$
- Refractoriness:  $\geq 1700$
- Shape: Square, Rectangle, Arch, Etc.
- Size: Standard Or Customized
- Thermal Conductivity:  $\leq 1.2\text{W/m.k}$
- Thermal Shock Resistance: Good
- Highlight: **Refractory Alumina Bricks,**

### Product Description

Rongsheng Factory Price High Alumina Refractory Bricks For Furnace

#### Description of High Alumina Refractory Bricks

High alumina brick is a kind of alumina-silicate refractory material with content of alumina oxide more than 48%. It is calcined and formed by the raw material of bauxite or the material with high content of  $\text{Al}_2\text{O}_3$ . High thermal stability, the refractoriness is more than 1770 . Good slag resistance, used for the liner of masonry steel-making electric stove, glass furnace and cement revolver.

If  $\text{Al}_2\text{O}_3$  content of High alumina refractory brick is higher than 90%, it is called corundum brick. Due to different resources, the standards of different countries are not completely consistent. For example, in European countries, the lower limit of  $\text{Al}_2\text{O}_3$  content for high alumina refractories is 42%. In China,  $\text{Al}_2\text{O}_3$  content in high alumina brick is generally divided into three grades: Grade I –  $\text{Al}_2\text{O}_3$  content  $> 75\%$ ; grade II –  $\text{Al}_2\text{O}_3$  content is 60-75%; grade III –  $\text{Al}_2\text{O}_3$  content is 48-60%.

**High Alumina Refractory Bricks Specifications:**

Our Product Introduction

Item		Properties			
		LZ-75	LZ-65	LZ-55	LZ-48
$Al_2O_3$ , %		≥75	≥65	≥55	≥48
Refractoriness °C		≥1790	≥1790	≥1770	≥1750
Bulk density.g/cm <sup>3</sup>		2.5	2.45	2.4	2.3
Softening temperature under load		≥1520	≥1500	≥1470	≥1420
Permanent linear change,%	1500°CX2H	+0.1 -0.4	+0.1 -0.4	+0.1 -0.4	
	1450°CX2H				+0.1 -0.4
Apparent porosity,%		≤23	≤23	≤22	≤22
Cold Crushing strength Mpa		≥50	≥45	≥40	≥35
Application		All industrial furnace			



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