

## Thermal Resistant Furnace Refractory Bricks High Alumina Fire Brick With 60-75% Al<sub>2</sub>O<sub>3</sub>

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: LZ-48, LZ-55, LZ-65, LZ-70, LZ-75, LZ-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: Cement Kiln, Blast Furnace, Hot Blast Stove
- Chemical Resistance: Good
- Color: Red, White, Brown, Grey
- Compressive Strength: 30-100MPa
- Density: 2.2-3.2g/cm<sup>3</sup>
- Material: Clay, Alumina, Magnesia, Silica
- Moisture Content: ≤2%
- Porosity: ≤20%
- Refractoriness: 1700-1800
- Resistance To Slag Attack: Good
- Resistance To Spalling: Good
- Shape: Square, Rectangle, Arch, Customized
- Size: Standard, Customized
- Thermal Conductivity: 0.2-0.6W/m.K
- Thermal Shock Resistance: Good



### More Images



### Product Description

#### Product Description of Thermal-Resistant Factory Price High Alumina Brick - 60% & 75% Al<sub>2</sub>O<sub>3</sub> Refractory Brick for Heating Furnace Lining

Our Factory Price High Alumina Bricks, available in both 60% and 75% Al<sub>2</sub>O<sub>3</sub> compositions, are engineered to provide exceptional performance in high-temperature environments. These refractory bricks are designed to serve as a reliable and cost-effective solution for heating furnace linings.

Our Product Introduction



#### Key Features of 60% & 75% Al<sub>2</sub>O<sub>3</sub> Refractory Brick for Heating Furnace Lining:

- 1.High Alumina Content: Available in two variants, with 60% and 75% Al<sub>2</sub>O<sub>3</sub> content, these bricks are formulated with premium-grade raw materials for enhanced thermal resistance.
- 2.Excellent Thermal Stability: The high alumina content ensures that these bricks can withstand extreme temperatures, making them ideal for applications in heating furnace linings.
- 3.Low Thermal Conductivity: These bricks offer superior insulation, reducing heat loss and energy consumption, which translates to improved operational efficiency.
- 4.Superior Load-Bearing Capacity: Engineered for durability, these bricks possess impressive compressive strength, ensuring they maintain their structural integrity under heavy loads.
- 5.Chemical Resistance: These bricks exhibit excellent resistance to chemical attacks, making them suitable for environments with potentially corrosive substances.
- 6.Precision Manufacturing: Our bricks are produced with precise dimensions and uniform shapes, facilitating easy installation and minimizing downtime.

#### Advantages of Factory Price High Alumina Brick

- 1.Cost-Effective Solution: Our factory pricing model ensures that you receive high-quality bricks at a competitive price point, optimizing your budget without compromising on performance.
- 2.Extended Service Life: The exceptional durability of these bricks leads to longer service intervals, reducing maintenance costs and downtime in the long run.
- 3.Versatile Applications: Suitable for a range of industries including metallurgy, ceramics, and petrochemicals, these bricks find utility in various high-temperature processes.
- 4.Efficient Thermal Management: The low thermal conductivity of these bricks helps maintain uniform temperatures within the furnace, ensuring consistent heat distribution.
- 5.Customizable Options: We offer tailored solutions to meet specific project requirements, providing you with bricks that are optimized for your unique application.

#### Applications of High Alumina 60% & 75% Al<sub>2</sub>O<sub>3</sub> Refractory Brick for Heating Furnace

Heating Furnace Linings  
Metallurgical Industry  
Ceramics Industry  
Petrochemical Industry

Just choose our Factory Price High Alumina Bricks for a reliable and cost-effective solution for your heating furnace lining needs. Contact us today for personalized recommendations and bulk order inquiries.

#### Technical Specifications of 60% & 75% Al<sub>2</sub>O<sub>3</sub> Refractory Brick for Heating Furnace

Item	Specification				
	Specification				
	LZ-80	LZ-75	LZ-70	LZ-65	LZ-55
Al <sub>2</sub> O <sub>3</sub> %	≥80	≥75	≥70	≥65	≥55
Apparent Porosity, %	≤21	≤24	≤24	≤24	≤22
CCS, MPa	≥70	≥60	≥55	≥50	≥45
0.2MPa RUL	≥1530	≥1520	≥1510	≥1500	≥1450
PLC, %	1500 ×2h -0.4~0.2			1450 ×2h -0.4~0.1	



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