

# Al2O3 High Alumina Refractory Brick RS-48 RS-55 High Alumina Fire Bricks For Kilns

packed on wooden pallets, with water-proof cover, and tightened with plastic/steel

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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

- Model Number:Minimum Order Quantity:
  - Order Quantity: 1 Ton 200-800USD

bandages 20-30DAYS

TT; L/C

- Price: Packaging Details:
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- Delivery Time:
- Payment Terms:
- Supply Ability: 2000tons /month

# **Product Specification**

Abrasion Resistance:	Excellent
Chemical Resistance:	Excellent
Color:	White
Compressive Strength:	High
Density:	High
Material:	High Alumina
Refractoriness:	High
Refractoriness Under Load	d: High
Shape:	Brick
Size:	Standard
Softening Temperature:	High
<ul> <li>Thermal Conductivity:</li> </ul>	Low
<ul> <li>Thermal Expansion:</li> </ul>	Low
<ul> <li>Thermal Shock Resistance</li> </ul>	e: Excellent
<ul> <li>Highlight:</li> </ul>	Al2O3 High Alumina Refractory Brick

## Product Description

Description of Different Types Of Al2O3 Refractory Bricks RS-48, RS-55, RS-65, RS-75, RS-80 High Alumina Fire Bricks For Kilns

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 banxite or the material with high content of AL2O3. 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.



### Features of RS-48, RS-55, RS-65, RS-75, RS-80 High Alumina Fire Bricks For Kilns

- 1. High refractoriness; 2. High temperature strength;

- High thermal stability;
   Neutral refractory;
   Good resistance to acid and basic slag corrosion;
- 6. High refractoriness under load;
- 7. High temperature creep resistance;8. Low apparent porosity;

#### Application of RS-48, RS-55, RS-65, RS-75, RS-80 High Alumina Fire Bricks For Kilns

As a basic material in the field of high-temperature technology, high alumina bricks are widely used in cement, glass building materials, steel smelting, petrochemical and other industries. High temperature industrial furnaces for high alumina bricks include blast furnace, hot blast furnace, electric furnace, blast furnace, reverberatory furnace and rotary kiln lining. In addition, high alumina bricks can also be processed into open hearth regenerative grid bricks, socket bricks for pouring system, nozzle bricks, etc. according to the requirements of industrial furnaces.

#### Product Specification of RS-48, RS-55, RS-65, RS-75, RS-80 High Alumina Fire Bricks For Kilns

Item			Properties			
			RS-75	RS-65	RS-55	
Al2O3 (%)			≥75	≥65	≥55	
Refractoriness (°C)			≥1790	≥1790	≥1770	
Bulk density (g/cm3)			2.5	2.45	2.4	
Softening temperature under load (°C)			≥1520	≥1500	≥147(	
	1500°CX2H	0.1	0.1	0.1	0.1	
Linear changes on reheating (%)		-0.4	-0.4	-0.4	-0.4	
	1450°CX2H					
Apparent porosity (%)			≤23	≤23	≤22	
Cold crushing strength (Mpa)			≥50	≥45	≥40	

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