

## Furnace Refractory Bricks High Strength Alkali Resistant Bricks

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Rongsheng
- Minimum Order Quantity: 1 Ton
- Price: 200-800 USD
- Packaging Details: Packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons/month



### Product Specification

- Highlight: Alkali resistant Furnace Refractory Bricks, Low Alumina Furnace Refractory Bricks, High Strength Furnace Refractory Bricks



Our Product Introduction

### Product Description

#### Product Description of Hot Sale Furnace Refractory Brick High-Strength Alkali-resistant Bricks Manufacturer From China

Alkali-resistance brick is a kind of low alumina brick, the  $Al_2O_3$  content is 25%-30%, the main material is low alumina refractory clay, it is a kind of silica-alumina series refractory products with good alkali erosion resistance performance in cement kiln system.



#### Product Features of Alkali Resistant Brick

- 1.Non reactive with acids,
- 2.Light in weight,
- 3.Crack free finishing,
- 4.Smooth texture,
- 5.Available in beautiful patterns,
- 6.Offered in varying dimensions,
- 7.Strength and stability.

#### Product Application of High-strength alkali-resistant refractory bricks

Cement kiln alkali-resistant bricks are divided into four types: ordinary type, high-strength type, vault type and thermal insulation type. The preheater and decomposition furnace are located at the end of the entire hot air flow.

High-strength alkali-resistant bricks are mainly used in the preheater of cement kiln.

High-strength alkali-resistant bricks are mainly used in the calciner area of cement kilns.

High-strength alkali-resistant bricks are mainly used in the tertiary air duct of cement kilns.



#### Product Specification of alkali-resistant refractory bricks

Items	Ordinary Type	High-strength type	Insulation type
Al <sub>2</sub> O <sub>3</sub> %	25-30	25-30	25-30
Fe <sub>2</sub> O <sub>3</sub> %	2	2	2
SiO <sub>2</sub> %	65-70	65-70	60-70
Refractoriness (°C)	1650	1650	1650
Bulk Density g/cm <sup>3</sup> ≥	2.15	2.25	1.65
Apparent Porosity % ≤	21	20	35
Cold Crushing Strength MPa≥	35	60	15
Refractoriness Under Load °C ≥	1350	1300	1250
thermal conductivity W/m. (350°C±10°C)TC	1.28	1.28	0.7
Application	Large and medium dry-process kiln, decomposing furnace, etc		

