

## Acid Resistant Furnace Refractory Bricks Acid Proof Brick For Industrial Kiln

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Factory price acid proof refractory brick
- 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
- Compressive Strength: High
- Density: High
- Flexural Strength: High
- Material: Refractory Bricks
- Moisture Content: Low
- Porosity: Low
- Refractoriness: High
- Thermal Conductivity: Low
- Thermal Expansion: Low
- Thermal Shock Resistance: High
- Highlight: Acid Resistant Furnace Refractory Bricks,  
Industrial Kiln Furnace Refractory Bricks,  
Acid Proof Brick For Industrial Kiln

### Product Description

#### Acid Resistant Refractory Bricks Acid Proof Brick For Industrial Kiln

Acid resistant bricks, also known as acid bricks or acid-resistant bricks, are specialized types of bricks designed to withstand corrosive environments, particularly those involving acids and other harsh chemicals. They are commonly used in industries where there is a need for protection against the damaging effects of acids, such as chemical processing plants, laboratories, refineries, and various manufacturing facilities.

#### Types of Acid Resistant Bricks:

**Silica Bricks:** Made primarily from silica, they offer excellent resistance to acids, but they may not be suitable for applications involving high temperatures.

**Fire Clay Bricks:** These are made from a combination of fire clay and kaolin. They provide good resistance to both high temperatures and acids.

**Specialized Compositions:** Some acid resistant bricks may have additional components or coatings to enhance their performance in specific environments.

Our Product Introduction

**Applications:**

Chemical Processing Plants: Used in areas where corrosive chemicals are handled, such as reaction vessels, storage tanks, and floors.

Battery Manufacturing: Acid resistant bricks are used to line chambers and floors in battery manufacturing facilities.

Petrochemical Industry: Found in areas like refineries and oil processing plants.

Metal Plating and Galvanizing: Used in tanks and vats where acids are employed in metal finishing processes.

**Technical Parameter of Acid Resistant Brick:**

Item	Unit	Index	
Bulk Density	g/cm <sup>3</sup>	2.31-2.4	HG
Water absorption	%	≤0.5	GB
Acid resistant degree	%	≥99.8	GB
Anti bending strength	Mpa	≥58.8	GB
Thermal stability	130 -20	Not crack, exfoliate and other damage phenomena	GB
Note: Produced according to customer requirement			

**Chemical Composition:**

SiO <sub>2</sub>	
Al <sub>2</sub> O <sub>3</sub>	
K <sub>2</sub> O	
Na <sub>2</sub> O	
CaO	
MgO	
Fe <sub>2</sub> O <sub>3</sub>	
Acid resistant degree	

**Size:**

Size	Pc/m <sup>2</sup>	Unit weight/pc,kg
150*75*15mm	88	0.35
150*75*20mm	88	0.5
150*75*30mm	88	0.75
150*150*15mm	44	0.75
150*150*20mm	44	1
150*150*30mm	44	1.5
200*200*15mm	25	1.4
200*200*20mm	25	1.8
200*200*30mm	25	2.7
300*300*15mm	11	3
300*300*20mm	11	4
300*300*30mm	10	6
230*113*15mm	38	0.9
230*113*20mm	38	1.2
230*113*30mm	38	1.8
230*113*40mm	38	2.5
230*113*65mm	38	4



**Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd**



+86-18538509097



Jackyhan2023@outlook.com



bricksrefractory.com

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