

## Reliable Anti-Corrosion Solution High-Quality Acid Resistant Bricks Affordable Price Furnace Refractory 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: 200-800USD
- Packaging Details: Packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 20-30 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons/month



### Product Specification

- Highlight: **High Quality Furnace Refractory Bricks, Acid Resistant Furnace Refractory Bricks, Corrosion Resistance Furnace Refractory Bricks**

### Product Description

**Reliable Anti-Corrosion Solution High-Quality Acid Resistant Bricks Affordable Price Furnace Refractory Bricks**  
As a leading manufacturer of refractory materials, Rongsheng Refractory Factory specialize in producing high-quality acid resistant bricks for more than 20 years, widely used in industries such as chemical, metallurgy, power, and construction. Our acid resistant bricks are renowned for their excellent acid resistance and high-temperature performance, making them essential in harsh environments where stable physical properties are crucial.

Our Product Introduction



#### Product Overview of High-Quality Acid Resistant Bricks Affordable Price Furnace Refractory Bricks

Acid resistant bricks are a specialized type of refractory material, designed to withstand corrosive acid environments. Manufactured using high-purity clay and superior aluminosilicate materials through high-temperature firing processes, these bricks possess remarkable mechanical strength and low water absorption, ensuring they can endure the toughest conditions in industrial applications.

#### Key Features and Advantages of Acid Refractory Bricks

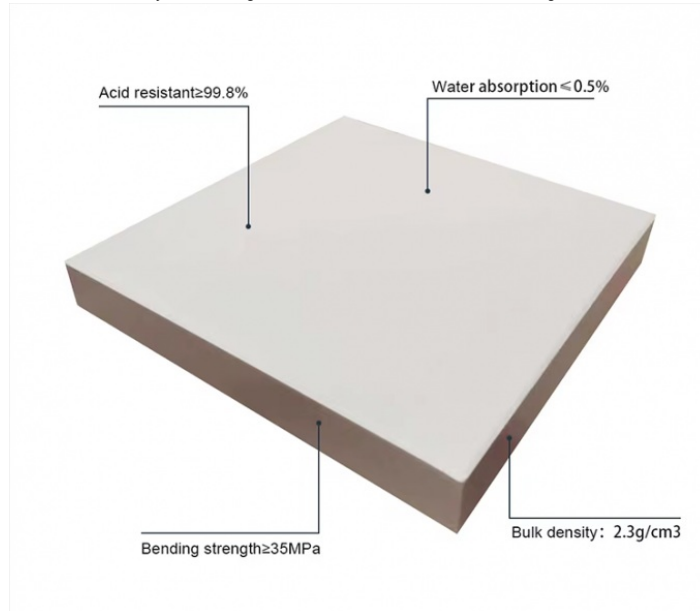
**Exceptional Acid Resistance:** Our bricks exhibit outstanding resistance to strong acids like sulfuric acid and hydrochloric acid, making them ideal for lining acid containers, towers, tanks, and pipelines in the chemical industry.

**Superior High-Temperature Performance:** These bricks maintain structural stability under high temperatures, ensuring safety in operations where temperature variations are frequent.

**Excellent Thermal Shock Resistance:** The high-temperature firing process gives the bricks superior thermal shock resistance, allowing them to withstand sudden temperature changes, reducing the risk of cracks and damage.

**Low Water Absorption:** Their dense structure ensures minimal water absorption, preventing moisture penetration and extending their service life.

**High Mechanical Strength:** These bricks retain their strength in complex industrial environments, offering excellent compressive resistance and durability, minimizing the chances of deformation or breakage.



#### Applications of Acid Refractory Bricks

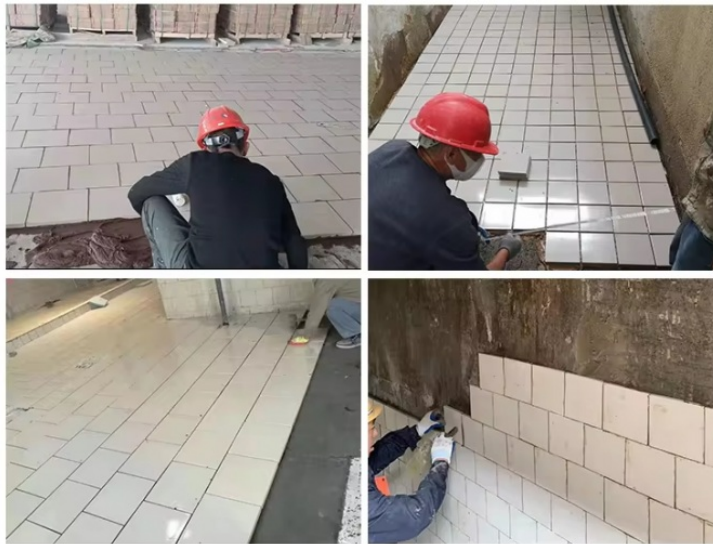
Acid resistant bricks are highly effective in various industrial applications, including:

**Chemical Industry:** Widely used for lining acid tanks, reaction towers, absorption towers, and drying towers, protecting equipment from acid corrosion.

**Metallurgical Industry:** In smelting and casting processes, these bricks provide excellent protection against acidic molten materials, ensuring longer equipment life.

**Construction and Environmental Protection:** Suitable for lining flue gas treatment systems and desulfurization units, contributing to efficient acid gas processing.

**Power Industry:** In power plants, acid resistant bricks can be applied in flue gas purification systems, safeguarding pipelines and ducts from corrosion.



### Product Specifications and Customization

We offer a variety of standard acid resistant bricks and can customize products based on specific customer requirements. Whether it's size, shape, or material composition, we provide tailored solutions to meet the unique demands of different industrial projects.

Standard size: 230x114x65mm  
 Custom sizes available upon request

Item	Unit	Index	Standard
Bulk Density	g/cm <sup>3</sup>	2.31-2.4	HG/T3210-2002
Water absorption	%	≤0.5	GB/T8488-2001
Acid resistant degree	%	≥99.8	GB/T8488-2001
Anti bending strength	Mpa	≥58.8	GB/T8488-2001
Theraml stability	130 -20	Not crack, exfoliate and other damage phenomena	GB/T8488-2001

Note:Produced according to customer requirement

### Chemical Composition:

SiO <sub>2</sub>	69.8
Al <sub>2</sub> O <sub>3</sub>	22.5
K <sub>2</sub> O	2.7
Na <sub>2</sub> O	0.95
CaO	0.82
MgO	0.12
Fe <sub>2</sub> O <sub>3</sub>	0.49
Acid resistant degree	99.8

### Size:

Size	Pc/m <sup>2</sup>	Unit weig
150*75*15mm	88	0.8
150*75*20mm	88	0.8
150*75*30mm	88	0.7
150*150*15mm	44	0.7
150*150*20mm	44	1
150*150*30mm	44	1.1
200*200*15mm	25	1.1
200*200*20mm	25	1.1
200*200*30mm	25	2.2
300*300*15mm	11	3
300*300*20mm	11	4
300*300*30mm	10	6
230*113*15mm	38	0.8
230*113*20mm	38	1.1
230*113*30mm	38	1.1
230*113*40mm	38	2.2
230*113*65mm	38	4

### Packing & Delivery

Wooden pallets with plastic film or according to your request.

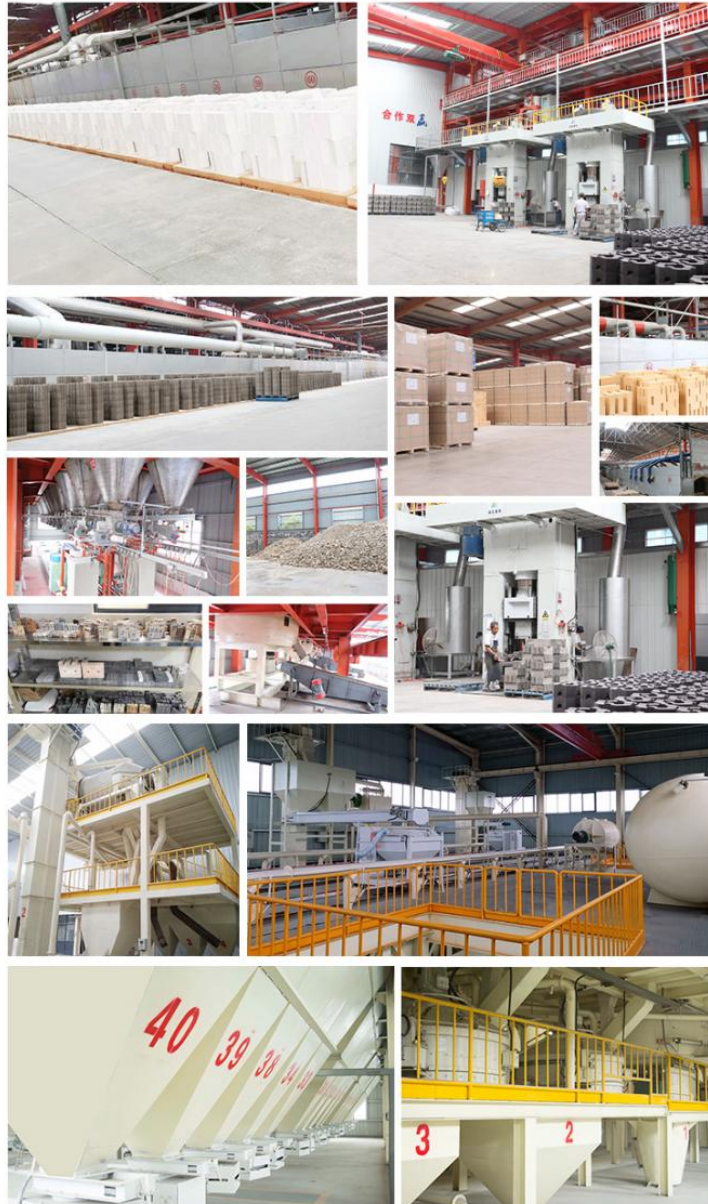
1. Strong packing protects the goods from any possible damage during transit.
2. Solid packing and overall stuffing prevent the cases from vibration and jarring.
3. Necessary precaution is taken to protect goods from pilferage or rain.

### Company Profile

Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd., headquartered in Zhengzhou City, Henan Province, is affiliated to Henan Rongsheng Refractory Group. It is a national high-tech enterprise integrating R&D, production and technical services of high-performance refractory new materials. The Group also has Zhengzhou Rongsheng Refractory Co., Ltd, Zhengzhou Rongsheng Import & Export Co.,Ltd, Zhengzhou Rongsheng Kiln Engineering Technology Co., Ltd and Zhengzhou Rongsheng Zhongding Special Equipment Installation Co., Ltd. Rongsheng Refractory factory based in Xinmi city, the "Capital

of Refractory" in China.

Rongsheng Refractory have been the Leading manufacturer, Supplier & Exporter of top-quality refractory materials for more than 15 years. Our product range includes high alumina bricks, corundum bricks, azs bricks, magnesia bricks, fire clay bricks, insulating bricks, and unshaped materials such as refractory castable, refractory cement, refractory mortar, refractory ramming mass, refractory Spraying Mass, Refractory Plastic, etc. Our diverse product range caters to 90% of the refractory needs in industries like Iron & Steel Industry, Cement Industry, Non-ferrous Industry, Power Industry, Petrochemical Industry and Glass Industry. And our products are exported to more than 100 countries and regions all over the world. We are renowned as one of the top refractory brick supplier and refractory material supplier in the industry.



#### Customer Visit

Become part of the growing global network of clients from more than 100 countries and regions who rely on Rongsheng Refractory for top-quality products. As a trusted manufacturer of refractory bricks and a reliable supplier of refractory materials, we are always ready to assist you. We look forward to receiving your inquiries.



#### Why Choose Us?

As a trusted supplier in the refractory materials industry, Rongsheng Refractory are committed to delivering high-quality, eco-friendly, and efficient products to our global clients. Our state-of-the-art production facilities and rigorous quality control systems ensure every brick meets international standards. Additionally, our technical team is available to provide professional support and after-sales service, helping clients solve any challenges they encounter during use.

#### Contact Us for More Information

If you're interested in our acid resistant bricks or want to request more information and pricing, please feel free to contact us:

**Phone/WhatsApp:** +86-18538509097  
**Email:** Jackyhan2023@outlook.com

We look forward to providing you with high-quality refractory solutions and helping you achieve success in your projects!



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