

Acid Proof Brick Lining Acid Resistant Refractory Bricks For Kilns

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Special acid-proof brick, Lightweight acid-proof brick
- 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

- Features: High Refractoriness
- Thermal Capacity: High
- Refractoriness: ≥ 1580
- Corrosion Resistance: High
- Shape: Rectangular
- Service Temperature: High
- Thermal Expansion: High, Medium, Low
- Usage: Lining Of Industrial Furnaces
- Chemical Resistance: High
- Refractoriness Under Load: 1300
- Firing Temperature: High
- Use Zone: Transition Zone
- Al₂O₃ Content: $\geq 42\%$
- Temperature: High
- Size: 230x114x65mm



More Images

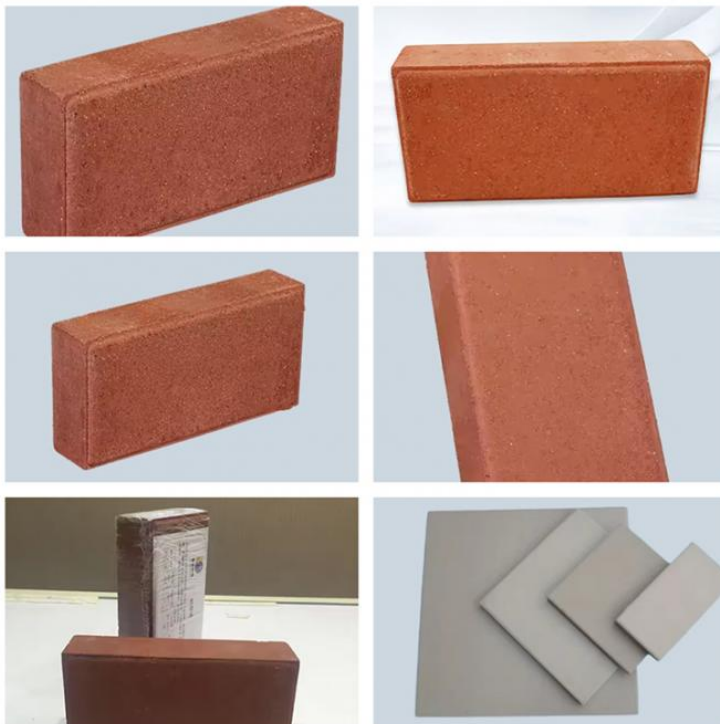


Product Description

Product Description of Chinese Factory Hot Sale Acid Proof Brick Lining

Acid proof brick or acid resistant brick is a specially made form of masonry brick that is chemically resistant and thermally durable. Acid proof brick is created from high silica shale and fired at higher temperatures than those used for conventional brick.

Our Product



Features of Acid Resistant Refractory Bricks For Kilns

- 1.High acid resistance: They are formulated to resist attack by a wide range of acids, including sulfuric acid, hydrochloric acid, and phosphoric acid.
- 2.High temperature resistance: They can withstand high temperatures, making them suitable for use in furnaces, kilns, and other high-heat applications.
- 3.Low water absorption rate: This helps to prevent the bricks from being damaged by chemical attack.
- 4.Chemical resistance: They are resistant to a variety of chemicals, not just acids. This makes them versatile for use in a wide range of industrial applications.

Application of Hot Sale Acid Proof Brick Lining

Acid-resistant refractory bricks are essential components in various industrial settings where corrosive acids are present. They serve as protective linings in equipment such as chemical reactors, metal smelting furnaces, and petrochemical processing vessels. These bricks are made from materials like silica, alumina, and zirconia, which can withstand the corrosive effects of acids. Their applications span across industries including chemical manufacturing, metal smelting, petrochemical refining, power generation, waste incineration, pharmaceuticals, glass manufacturing, and food processing. By providing a robust barrier against acid corrosion, these bricks ensure the longevity and reliability of critical industrial equipment.

Product Specification of Acid Proof Brick

Item	Special acid-proof brick	Lightweight acid-proof brick	
SiO ₂ (%) ≥	65	65	
Bulk Density (g/cm ³)	1.6-1.8	1.0-1.3	
Cold Crushing Strength (MPa) ≥	15	10	
Thermal conductivity (350 ±25) (W/m · k) ≤	0.65	0.45	
Water absorption (%) ≤	15	working surface 5	
Acid-proof rate (%) ≤	98	97	
Service Temperature (°C) ≤	1000	1000	



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