

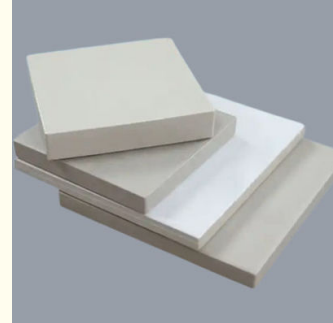
## 10MPa Acid Resistant Ceramic Tiles High Strength For Chemical Industry

Our Product Introduction

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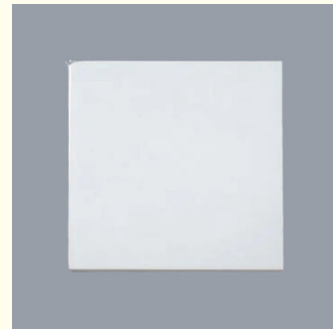
### Basic Information

- Place of Origin: Zhengzhou, Henan, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO Certification
- Model Number: Factory price acid proof refractory 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

- Compressive Strength:  $\geq 20\text{MPa}$
- Permanent Linear Change: Low
- Flexural Strength:  $\geq 10\text{MPa}$
- Chemical Resistance: Good
- Usage: Used In High Temperature Industrial Furnaces And Kilns
- Modle Number: As Required
- Heat Capacity: High
- Packaging: Wooden Pallets Or According To Customer's Requirements
- Highlight: **10MPa Acid Resistant Ceramic Tiles, High Strength Acid Resistant Ceramic Tiles**



### More Images

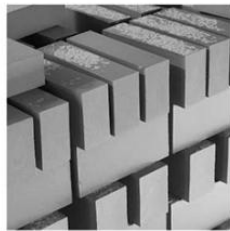


### Product Description

#### Product Description of Factory Supply Acid Resistant Ceramic Tiles High Strength Acid Resistant Tile

Acid resistance brick's main material is quartz, feldspar, clay, its a corrosion-resistant material made by high temperature oxidative decomposition, it add a dovetail trough in back of the bricks, so It is easy to be firmly bonded with acid-resistant mud during construction, not easy to fall off. It can guarantee project quality, at the same time it can extend the service life, it is an ideal anti-corrosion material for chemical industry, petroleum, electric power, chemical fertilizer, chemical fiber, smelting, pharmaceutical, acid, alkali and other industries.

Our Product I



### Features of Factory Price Industrial Ceramic Tiles Acid and Alkali Resistance Bricks

#### 1.Low water absorption

Because acid resistant brick is made of quartz, clay and other materials, so it's similar with ordinary bricks, the ability to absorb water is very low, can be used as a waterproof floor decoration material.

When choosing tiles, waterproof performance is one of the important reasons for consumers to choose it, especially in the ground where there is often water, it can play a good protective role, and it will basically be used.

#### 2.Strong acid and alkali resistance

Why the acid-resistance brick has strong acid and alkali resistance?

Because the raw material is  $\text{SiO}_2$ , Silica is resistant to corrosion, and it also has low water absorption, it's not easy for liquids to penetrate inside, therefore, corrosion of alkaline substances of various concentrations can be prevented in the normal temperature.

#### 3.Long Service Life

Acid-resistant brick compared with ordinary bricks its strength is higher, it has a pressure capacity of more than 100MPa, to ensure that the strong impact and high frequency of tramped will not be easily damaged, does not affect our long-term use. One of the characteristics of acid-resistant brick ensures that it can still be intact in long-term use without aesthetic problems.

### Technical Parameter of Acid Resistant Brick:

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
Thermal stability	130 -20	Not crack, exfoliate and other damage phenomena	GB/T8488-2001

Note: Produced according to customer requirement

### Chemical Composition:

$\text{SiO}_2$	69.8
$\text{Al}_2\text{O}_3$	22.5
$\text{K}_2\text{O}$	2.7
$\text{Na}_2\text{O}$	0.95
$\text{CaO}$	0.82
$\text{MgO}$	0.12
$\text{Fe}_2\text{O}_3$	0.49
Acid resistant degree	99.8

### Size:

Size	Pc/m <sup>2</sup>	Unit weight
150*75*15mm	88	0.3
150*75*20mm	88	0.4
150*75*30mm	88	0.6
150*150*15mm	44	0.3
150*150*20mm	44	0.4
150*150*30mm	44	0.6
200*200*15mm	25	1.0
200*200*20mm	25	1.3

200*200*30mm	25	2.
300*300*15mm	11	3
300*300*20mm	11	4
300*300*30mm	10	6
230*113*15mm	38	0.
230*113*20mm	38	1.
230*113*30mm	38	1.
230*113*40mm	38	2.
230*113*65mm	38	4

#### Acid resistant ceramic tile application:

1. Acid resistant ceramic tile with very excellent acid/alkali resistance, high temperature resistance, and they can withstand violent heat and cold. We also have heat & acids resistant grade.
2. Acid resistant ceramic tile is used as flooring lining in many kinds of industries concerning sulfuric acid, such as, chemical fertilizer industry, papermaking industry, sugar production, brewage production and so on.

#### Installation of acid resistant ceramic tile :

Using oxalic acid to wash the surface of concrete and tiles, make it neutralization of acid and alkali.

Usually, we use colophony, araldite, acid-proof cement to install the tiles.

The slot between the tiles is usually 8 -10mm . It's better to make the slot thickness is same as the thickness as the tile thickness to prevent from chemical leakage.

Using the oxalic acid to wash the surface of the floor after the installation.

#### Packaging and Shipping of our Acid Resistant Bricks

Acid Resistant Bricks, also as well as our Furnace Refractory Bricks are carefully packaged and shipped to ensure safe delivery to our customers. Each step of the packaging and shipping process is closely monitored to maintain the quality and integrity of our products.

##### Packaging

Our Furnace Refractory Bricks are first wrapped in protective material to prevent any damage during transportation. They are then placed in durable wooden crates or pallets to provide additional protection and stability.

##### Shipping

We offer various shipping options to meet the specific needs of our customers. Depending on the size and weight of the order, we use different modes of transportation including air, sea, and land. Our experienced logistics team ensures timely and efficient delivery of our products to any destination around the world.

For international shipments, we carefully follow all customs regulations and provide all necessary documentation to facilitate a smooth delivery process.

Our goal is to deliver our Furnace Refractory Bricks to our customers in the best condition and in a timely manner. We strive to maintain the highest standards of packaging and shipping to ensure customer satisfaction.



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