

High Temperature Resistance High Alumina Check Refractory Brick In Enhancing Thermal Performance And Durability

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: RS-48, RS-55, RS-65, RS-75, RS-80
- 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

- Thermal Shock Resistance: Excellent Ability To Withstand Rapid Temperature Changes Without Cracking
- Corrosion Resistance: Resistant To Slag And Chemical Attack, Especially From Alkalis And Acidic Environments
- High Temperature Resistance: Can Withstand Temperatures Up To 1750°C (3182°F)
- Regenerative Furnaces Application: Utilized In The Regenerator Of Glass Furnaces To Store Heat
- Cement Kilns Application: Applied In Areas Where High Thermal Efficiency And Durability Are Required
- Refractoriness (°C): ≥ 1790 , ≥ 1790 , ≥ 1790 , ≥ 1770 , ≥ 1750
- Cold Crushing Strength (Mpa): 55, ≥ 50 , ≥ 45 , ≥ 40 , ≥ 35
- Al₂O₃ (%): 80, >75 , >65 , >55 , >48



Product Description

Product Description:

Our high alumina checker refractory brick is classified under the product category of high alumina refractory brick, which is known for its excellent resistance to high temperatures. It is composed of high-purity raw materials, making it durable and long-lasting. These materials are fused and molded into brick form, which makes them easy to install and use in various high-temperature applications.

The checker refractory brick is an excellent choice for industries such as steel, cement, glass, and petrochemicals. These industries require materials that can withstand high temperatures without cracking or breaking down. Our checker refractory brick offers excellent thermal shock resistance, which means it can withstand rapid changes in temperature without cracking, making it a reliable choice for use in high-temperature applications.

The bulk density of our high alumina checker refractory brick ranges from 2.65 g/cm³ to 2.3 g/cm³. This means that our bricks are lightweight and easy to handle, without compromising on their durability and reliability. They are also resistant to corrosion and erosion, which makes them an excellent choice for use in harsh industrial environments.

Our high alumina checker refractory brick has a minimum refractoriness of 1750°C, with some products able to withstand even higher temperatures of 1790°C. This makes them an ideal choice for industries that require materials that can withstand extreme temperatures without breaking down or losing their structural integrity.

In conclusion, our high alumina checker refractory brick is an excellent choice for industries that require durable, reliable, and high-temperature resistant materials. They offer excellent thermal shock resistance, are lightweight, and have a high refractory rating, making them a reliable choice for use in various industrial applications.

Features:

Product Name: High Alumina Refractory Brick

Application: Cement Kilns - Applied in areas where high thermal efficiency and durability are required

Thermal Shock Resistance: Excellent ability to withstand rapid temperature changes without cracking

Application: Regenerative Furnaces - Utilized in the regenerator of glass furnaces to store heat

Corrosion Resistance: Resistant to slag and chemical attack, especially from alkalis and acidic environments

Technical Parameters:

Product Name	Rongsheng Factory High Alumina Checker Refractory Bricks Suitable For Various High-Temperature Applications
Product Category	High Alumina Refractory Brick
Al ₂ O ₃ (%)	80, ≥75, ≥65, ≥55, ≥48
Apparent porosity (%)	22, ≤23, ≤23, ≤22, ≤22
Cold crushing strength (Mpa)	55, ≥50, ≥45, ≥40, ≥35
Refractoriness (°C)	≥1790, ≥1790, ≥1790, ≥1770, ≥1750
Softening temperature under load (°C)	1530, ≥1520, ≥1500, ≥1470, ≥1420
Thermal Shock Resistance	Excellent ability to withstand rapid temperature changes without cracking
Application	Applied in areas where high thermal efficiency and durability are required, such as cement kilns. Also used in hot blast stoves to preheat air blown into the blast furnace.
Manufacturer	Rongsheng Factory
Keywords	checker brick, checker brick manufacturer, refractory checker brick

Applications:

These bricks are available in multiple models to fit your specific needs, including RS-48, RS-55, RS-65, RS-75, and RS-80. They are made with high-quality materials and certified with ISO9001 for added peace of mind.

Originating from Zhengzhou, China, these bricks are resistant to slag and chemical attacks, making them ideal for use in environments with alkalis and acidic substances. Their excellent thermal shock resistance also ensures they can withstand rapid temperature changes without cracking.

With a high temperature resistance of up to 1750°C (3182°F), these high alumina checker refractory bricks are perfect for

use in various high-temperature applications, including furnaces, kilns, and incinerators.

At Rongsheng Xinwei, we offer a minimum order quantity of 1 ton and supply ability of 2000 tons per month. Prices range from 200-800USD, and payment terms include TT and L/C. Delivery time typically takes 20-30 days, and the bricks are packaged on wooden pallets with water-proof covers and tightened with plastic/steel bandages for added protection.

If you're looking for a reliable, durable, and high-quality checker brick for your high-temperature applications, consider Rongsheng Xinwei's High Alumina Checker Refractory Bricks. Contact us today to place your order!

Support and Services:

Our High Alumina Refractory Brick product comes with comprehensive technical support and services to ensure optimal performance and longevity.

We offer:

Expert advice on installation and maintenance

Customized solutions to meet specific requirements

On-site inspections and evaluations

Training and education for personnel

24/7 technical support and troubleshooting

Our team of experienced professionals is dedicated to providing top-quality support and services to our customers.

Contact us for more information.

Packing and Shipping:

Product Packaging:

The High Alumina Refractory Brick products will be packed in wooden pallets, wrapped with plastic film and secured with metal bands. Each pallet will contain 50 High Alumina Refractory Bricks.

Shipping:

The High Alumina Refractory Brick products will be shipped via sea freight or air freight depending on the customer's preference and location. Shipping costs will be calculated based on the delivery address and weight of the order.

FAQ:

Here are some frequently asked questions about Rongsheng Xinwei High Alumina Refractory Brick:

Q: What are the different models of High Alumina Refractory Brick available from Rongsheng Xinwei?

A: We offer RS-48, RS-55, RS-65, RS-75, RS-80 models of High Alumina Refractory Brick.

Q: Is Rongsheng Xinwei High Alumina Refractory Brick certified?

A: Yes, our High Alumina Refractory Brick is certified with ISO9001.

Q: Where is Rongsheng Xinwei High Alumina Refractory Brick produced?

A: Our High Alumina Refractory Brick is produced in Zhengzhou, China.

Q: What is the minimum order quantity for Rongsheng Xinwei High Alumina Refractory Brick?

A: The minimum order quantity for our High Alumina Refractory Brick is 1 ton.

Q: What is the price range for Rongsheng Xinwei High Alumina Refractory Brick?

A: Our High Alumina Refractory Brick is priced between 200-800 USD.

Q: What are the payment terms for Rongsheng Xinwei High Alumina Refractory Brick?

A: We accept TT and L/C as payment terms for our High Alumina Refractory Brick.

Q: What is the supply ability of Rongsheng Xinwei High Alumina Refractory Brick?

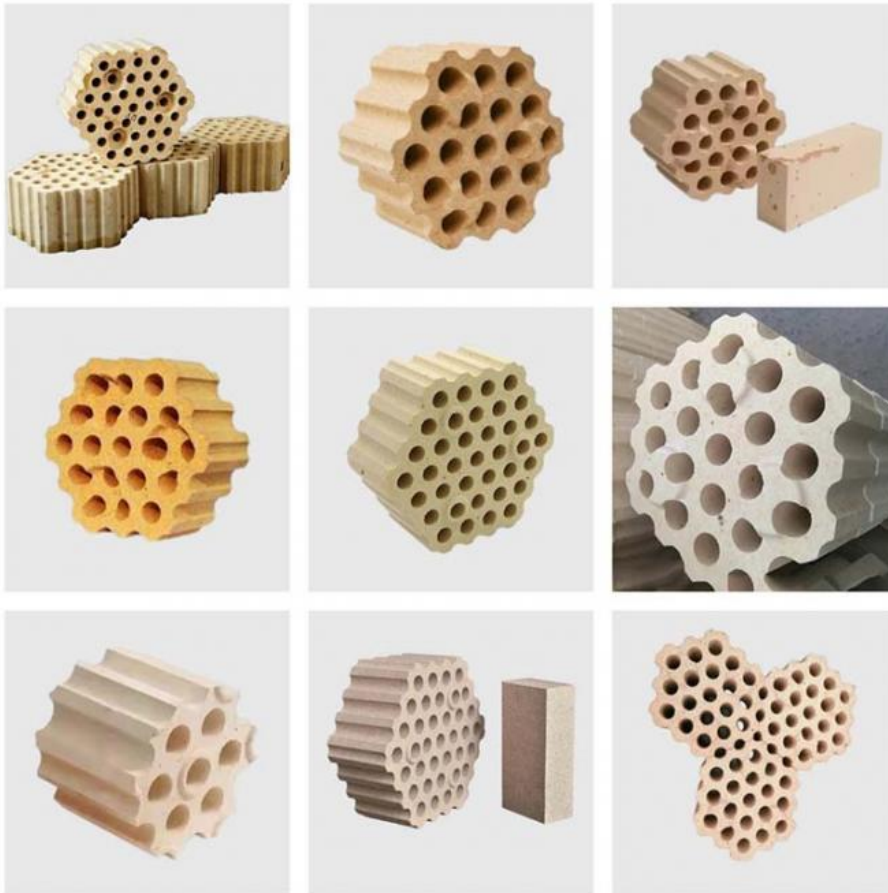
A: Our supply ability for High Alumina Refractory Brick is 2000 tons per month.

Q: What is the delivery time for Rongsheng Xinwei High Alumina Refractory Brick?

A: The delivery time for our High Alumina Refractory Brick is 20-30 days.

Q: How is Rongsheng Xinwei High Alumina Refractory Brick packaged?

A: Our High Alumina Refractory Brick is packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages.



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