

Resistant To Slag And Chemical Attack High Alumina Refractory Brick For Steel Industry

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

- Cold Crushing Strength 55, ≥50, ≥45, ≥40, ≥35 (Mpa):
- Apparent Porosity (%): 22, ≤23, ≤23, ≤22, ≤22
- Bulk Density (g/cm³): 2.65, 2.5, 2.45, 2.4, 2.3
- Softening Temperature Under Load (°C): 1530, ≥1520, ≥1500, ≥1470, ≥1420
- Steel Industry Application: Employed In Various High-temperature Zones Within Steelmaking Processes
- Regenerative Furnaces Application: Utilized In The Regenerator Of Glass Furnaces To Store Heat
- Mechanical Strength: High Compressive Strength, Making Them Durable Under Heavy Loads
- Product Category: High Alumina Refractory Brick
- Highlight: **Chemical Attack High Alumina Refractory Brick,**

Product Description:

Our High Alumina Refractory Brick boasts excellent thermal shock resistance, making it ideal for use in areas with rapid temperature changes. This product is engineered to withstand high temperatures and thermal cycling without cracking, ensuring long-lasting durability and reliability.

The apparent porosity of our High Alumina Refractory Brick is $\leq 23\%$, ensuring maximum thermal efficiency and durability. With a high level of insulation and resistance to heat transfer, this brick is perfect for use in demanding applications.

Our High Alumina Refractory Brick is the ideal product for cement kilns applications. This product is applied in areas where high thermal efficiency and durability are required. Its exceptional resistance to chemical attack and thermal shock make it perfect for use in harsh environments.

Our refractory checker brick, high alumina check refractory brick, and high alumina checker brick are all excellent options for customers looking to improve the performance and efficiency of their high-temperature applications. With outstanding resistance to slag and chemical attack, exceptional thermal shock resistance, and a low apparent porosity, our High Alumina Refractory Brick is the perfect solution for your needs.

Features:

- Product Name: High Alumina Refractory Checker Brick
- Steel Industry Application: Employed in various high-temperature zones within steelmaking processes
- Regenerative Furnaces Application: Utilized in the regenerator of glass furnaces to store heat
- Bulk density (g/cm3):
 - 2.65
 - 2.5
 - 2.45
 - 2.4
 - 2.3
- Apparent porosity (%):
 - 22
 - ≤ 23
 - ≤ 23
 - ≤ 22
 - ≤ 22
- Al₂O₃ (%):
 - 80
 - ≥ 75
 - ≥ 65
 - ≥ 55
 - ≥ 48

Also known as refractory checker brick, checker bricks, or high alumina check refractory brick.

Technical Parameters:

Attribute	Technical Parameter
Product Name	High Alumina Refractory Checker Brick
Thermal Shock Resistance	Excellent ability to withstand rapid temperature changes without cracking
Mechanical Strength	High compressive strength, making them durable under heavy loads
Steel Industry Application	Employed in various high-temperature zones within steelmaking processes
Apparent porosity (%)	22, ≤ 23 , ≤ 23 , ≤ 22 , ≤ 22
Softening temperature under load (°C)	1530, ≥ 1520 , ≥ 1500 , ≥ 1470 , ≥ 1420
Blast Furnaces Application	Used in hot blast stoves to preheat air blown into the blast furnace
Corrosion Resistance	Resistant to slag and chemical attack, especially from alkalis and acidic environments
Regenerative Furnaces Application	Utilized in the regenerator of glass furnaces to store heat
High Temperature Resistance	Can withstand temperatures up to 1750°C (3182°F)
Refractoriness (°C)	≥ 1790 , ≥ 1790 , ≥ 1790 , ≥ 1770 , ≥ 1750

Product Keywords	high alumina checker brick, refractory checker brick, high alumina check refractory brick
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Applications:

Rongsheng Xinwei is a trusted brand for high-quality checker refractory bricks. Our product range includes models RS-48, RS-55, RS-65, RS-75, and RS-80, all of which are ISO9001 certified. Our products are manufactured in Zhengzhou, China and we require a minimum order quantity of 1 ton. Our prices start from 200-800USD and we accept payment via TT or L/C. Our supply ability is 2000 tons per month and delivery time is 20-30 days. The products are packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages.

Our High Alumina Check Refractory Brick products are made with Al₂O₃ (%) levels of 80, ≥75, ≥65, ≥55, and ≥48. These products have high refractoriness levels of ≥1790, ≥1790, ≥1790, ≥1770, and ≥1750 respectively, making them ideal for use in high-temperature environments. Our products also have a high softening temperature under load (°C) of 1530, ≥1520, ≥1500, ≥1470, and ≥1420, providing durability in the face of extreme heat.

Our checker brick manufacturer products are resistant to slag and chemical attack, especially from alkalis and acidic environments. This makes them ideal for use in cement kilns and other areas where high thermal efficiency and durability are required.

Support and Services:

Our High Alumina Refractory Brick product comes with comprehensive technical support and services to ensure the best performance and longevity of the material. Our technical team is available to answer any questions and provide guidance on installation, usage, and maintenance of the product.

We also offer customization services to meet the specific needs of our customers. Our skilled technicians can create custom shapes and sizes and provide on-site installation and repair services to ensure proper installation and optimal performance.

In addition, we provide regular inspections and evaluations of the product to identify any potential issues and offer solutions to prevent damage and extend the life of the material.

Overall, our technical support and services aim to provide our customers with the highest level of satisfaction and ensure the best performance and longevity of our High Alumina Refractory Brick product.

Packing and Shipping:

Product Packaging:

The high alumina refractory bricks are first wrapped in plastic to protect against moisture during shipping.

The bricks are then placed in wooden pallets and secured with straps to prevent shifting during transit.

The pallets are then wrapped in stretch film to provide additional protection.

Shipping:

The high alumina refractory bricks are shipped by sea or land transport.

The shipping method will be determined based on the customer's location and delivery requirements.

The shipping cost will be calculated and added to the total order cost.

The estimated time of arrival will be provided to the customer once the order has been shipped.

FAQ:

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

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

A: The available models are RS-48, RS-55, RS-65, RS-75, and RS-80.

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

A: Rongsheng Xinwei High Alumina Refractory Brick is certified with ISO9001.

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

A: It is made in Zhengzhou, China.

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

A: The minimum order quantity is 1 ton.

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

A: The price range is between 200-800 USD.

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

A: The payment terms are TT and L/C.

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

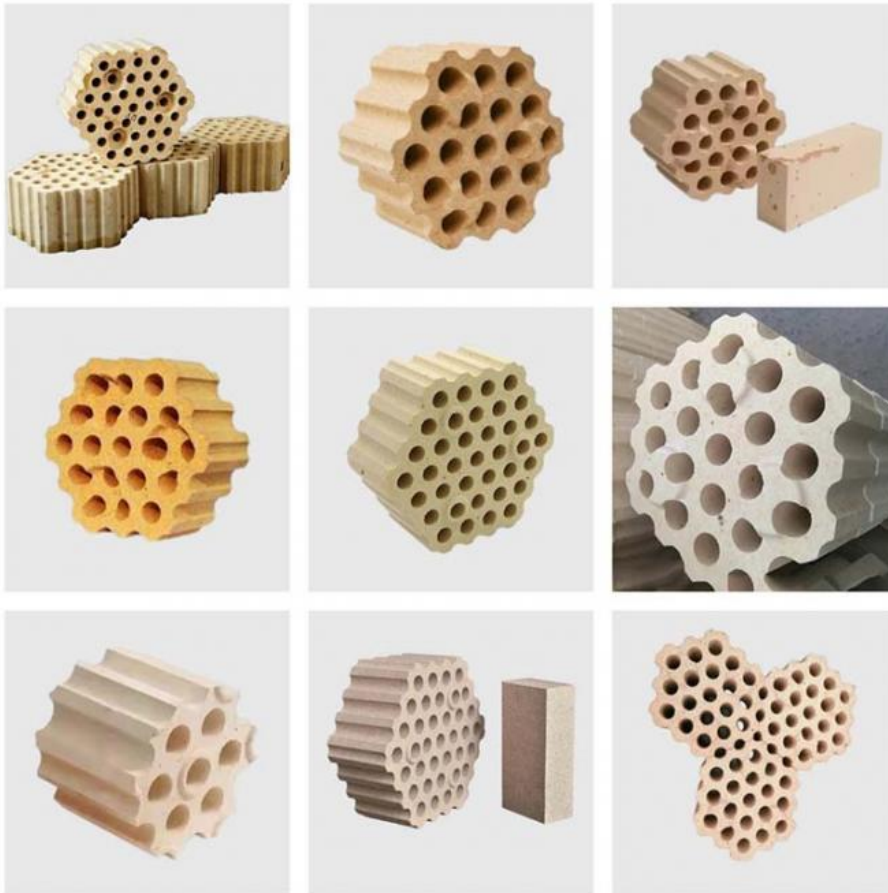
A: The supply ability is 2000 tons per month.

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

A: The delivery time is between 20-30 days.

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

A: It is packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages.



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