

Low Porosity High Alumina Refractory Brick Checker Brick For Hot Blast Furnaces

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

- Product Category: High Alumina Refractory Brick
- 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)
- Al₂O₃ (%): 80, ≥75, ≥65, ≥55, ≥48
- Bulk Density (g/cm³): 2.65, 2.5, 2.45, 2.4, 2.3
- Blast Furnaces Application: Used In Hot Blast Stoves To Preheat Air Blown Into The Blast Furnace
- Apparent Porosity (%): 22, ≤23, ≤23, ≤22, ≤22
- Mechanical Strength: High Compressive Strength, Making Them Durable Under Heavy Loads
- Highlight: **Checker Brick High Alumina Refractory Brick, Low Porosity High Alumina Refractory Brick**

Product Description:

The high alumina checker brick is widely employed in various high-temperature zones within steelmaking processes, making it an essential component of the industry. Our product is designed to withstand the extreme temperatures and harsh conditions of the steelmaking process, providing exceptional performance and durability. We understand the importance of having a product that is both reliable and efficient, which is why we have developed a high-quality product that meets the needs of our customers.

One of the key features of our high alumina checker brick is its apparent porosity (%). Our product has an apparent porosity of 22%, ≤23%, ≤23%, ≤22%, and ≤22%, making it an excellent option for high-temperature applications. The low porosity of our product ensures that it can withstand the harsh conditions of industrial environments while maintaining its structural integrity. This makes it the perfect choice for applications where durability and reliability are essential.

Another essential attribute of our high alumina checker brick is its bulk density (g/cm³). Our product has a bulk density of 2.65, 2.5, 2.45, 2.4, and 2.3, making it a versatile option for various applications. The high density of our product ensures that it provides excellent insulation properties, making it an ideal choice for high-temperature environments. Additionally, the low bulk density of our product ensures that it is easy to handle and install, reducing the overall installation time and costs.

In summary, the Rongsheng Factory High Alumina Checker Refractory Bricks are a reliable, durable, and efficient option for various high-temperature applications. As a leading checker brick supplier, we have developed a product that meets the needs of our customers while providing exceptional performance and durability. Our product is resistant to slag and chemical attack, making it an ideal choice for harsh industrial environments. With its low apparent porosity and high bulk density, our high alumina checker brick is the perfect solution for applications where durability, reliability, and efficiency are essential.

Features:

Product Name: High Alumina Refractory Brick Check Brick

Product Category: High Alumina Refractory Brick

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

Steel Industry Application: Employed in various high-temperature zones within steelmaking processes

Refractoriness (°C):

≥1790

≥1790

≥1790

≥1770

≥1750

The high alumina checker brick is a type of High Alumina Refractory Brick which is used in various high-temperature zones within steelmaking processes. It has excellent thermal shock resistance, allowing it to withstand rapid temperature changes without cracking. It is also resistant to slag and chemical attack, especially from alkalis and acidic environments. Its refractoriness ranges from 1750°C to 1790°C.

Checker bricks are a commonly used refractory brick in steelmaking processes.

Technical Parameters:

Product Category	High Alumina Checker Refractory Brick
Blast Furnaces Application	Used in hot blast stoves to preheat air blown into the blast furnace
Al₂O₃ (%)	80, ≥75, ≥65, ≥55, ≥48
Cement Kilns Application	Applied in areas where high thermal efficiency and durability are required
Corrosion Resistance	Resistant to slag and chemical attack, especially from alkalis and acidic environments
Thermal Shock Resistance	Excellent ability to withstand rapid temperature changes without cracking
Apparent porosity (%)	22, ≤23, ≤23, ≤22, ≤22
Mechanical Strength	High compressive strength, making them durable under heavy loads
Softening temperature under load (°C)	1530, ≥1520, ≥1500, ≥1470, ≥1420
Bulk density (g/cm³)	2.65, 2.5, 2.45, 2.4, 2.3

This checker brick is a type of High Alumina Refractory Brick that can be used in various applications, including blast

furnaces and cement kilns. It has excellent corrosion resistance and thermal shock resistance. Its mechanical strength and high compressive strength make it durable under heavy loads. Additionally, it has a high softening temperature under load and a low apparent porosity, making it a reliable choice for high-temperature environments.

Applications:

As a certified ISO9001 product, the Rongsheng Xinwei high alumina checker brick is produced in Zhengzhou, China, and has a minimum order quantity of 1 Ton. The price of this product ranges from 200-800USD, and the payment terms are TT; L/C. With a supply ability of 2000tons/month, the delivery time is 20-30 days. The product is packaged on wooden pallets, with a water-proof cover, and tightened with plastic/steel bandages.

The high alumina checker brick is mainly used in areas where high thermal efficiency and durability are required. One of the major applications of this product is in cement kilns, where it is used to line the walls of the kiln. The high-quality material used in the product ensures that it can withstand high temperatures and last for a long time.

The refractoriness of the Rongsheng Xinwei high alumina checker brick ranges from ≥ 1790 to $\geq 1750^{\circ}\text{C}$, depending on the model. The apparent porosity ranges from 22% to $\leq 23\%$, while the bulk density ranges from 2.65g/cm³ to 2.3g/cm³. The softening temperature under load ranges from 1530°C to $\geq 1420^{\circ}\text{C}$.

If you are in need of a high-quality high alumina checker brick, Rongsheng Xinwei is a reliable check brick supplier that you can trust. The product is not only of high quality, but it is also produced in an environmentally friendly manner, ensuring that it is safe for use in various industries.

Support and Services:

Our High Alumina Refractory Brick product comes with a comprehensive technical support and services package to ensure that our customers are satisfied with the performance of the product.

Our technical support team is available to answer any questions or concerns you may have about the product. They can provide guidance on installation, maintenance, and troubleshooting. Our team is knowledgeable and experienced, and they are committed to helping you get the most out of your High Alumina Refractory Brick product.

In addition to technical support, we also offer a range of services to help you get the most out of your product. These services include:

Customized product design

Installation services

On-site technical support

Product testing and analysis

Training and education

Whether you need help with installation, maintenance, or troubleshooting, our team of experts is here to support you. Contact us today to learn more about our technical support and services package for High Alumina Refractory Brick.

Packing and Shipping:

Product Packaging:

Wooden pallets

Plastic film wrapped around the bricks to protect against moisture

Steel straps to secure the bricks on the pallets

Labels indicating product name, quantity, and handling instructions

Shipping:

Shipped via containerized or bulk vessel

Shipping terms and conditions negotiated with the buyer

Proper documentation provided for customs clearance and import regulations

Delivery to the buyer's designated port or location

FAQ:

Q1: What is the brand name of this product?

A1: The brand name of this product is Rongsheng Xinwei.

Q2: What are the available models for this product?

A2: The available models for this product are RS-48, RS-55, RS-65, RS-75, and RS-80.

Q3: What certification does this product have?

A3: This product is certified with ISO9001.

Q4: What is the minimum order quantity for this product?

A4: The minimum order quantity for this product is 1 ton.

Q5: How is this product packaged?

A5: This product is packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages.

Q6: What is the price range for this product?

A6: The price range for this product is between 200-800 USD.

Q7: What are the payment terms for this product?

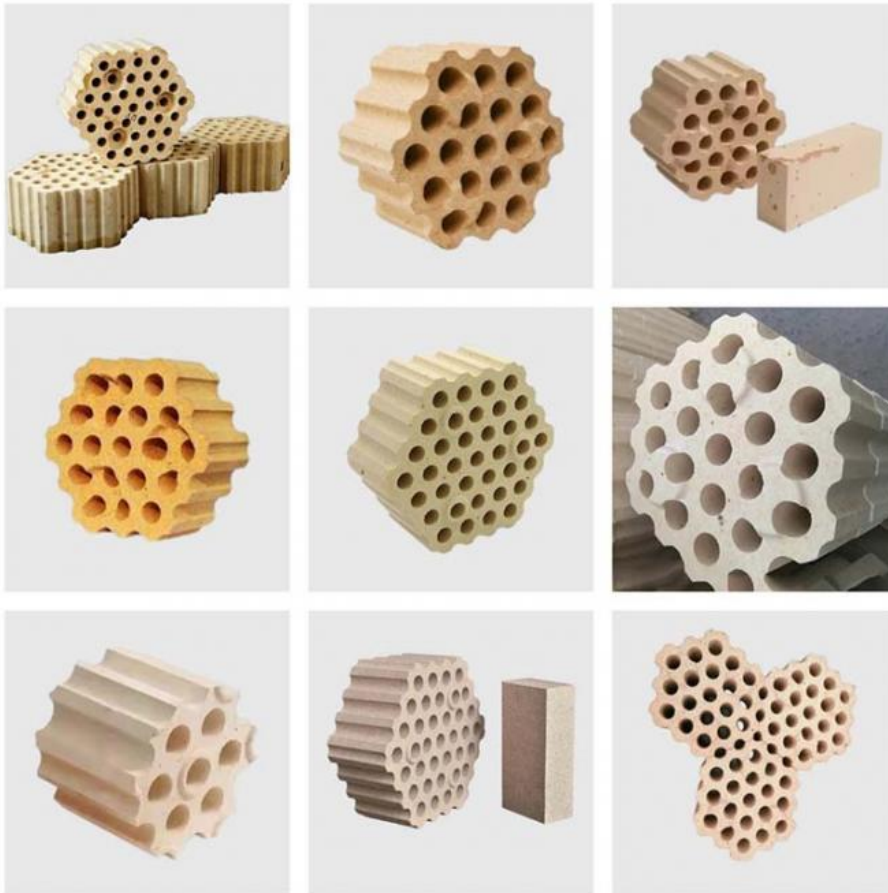
A7: The payment terms for this product are TT and L/C.

Q8: What is the supply ability for this product?

A8: The supply ability for this product is 2000 tons per month.

Q9: What is the delivery time for this product?

A9: The delivery time for this product is between 20-30 days.



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