

## Maximizing Efficiency With Rongsheng High Alumina Checker Bricks For High Temperature Industrial Furnaces

Our Product Introduction

for more products please visit us on [bricksrefractory.com](http://bricksrefractory.com)

### 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

- 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
- Product Category: High Alumina Refractory Brick
- 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
- Al<sub>2</sub>O<sub>3</sub> (%): 80, ≥75, ≥65, ≥55, ≥48
- Refractoriness (°C ): ≥1790, ≥1790, ≥1790, ≥1770, ≥1750
- High Temperature Resistance: Can Withstand Temperatures Up To 1750°C (3182°F)



## Product Description

### Product Description:

Our high alumina checker bricks are designed to withstand rapid temperature changes without cracking, thanks to their excellent thermal shock resistance. This makes them ideal for use in high-temperature applications where the temperature can fluctuate quickly and dramatically.

Our high alumina checker refractory bricks are part of our wider range of high alumina refractory bricks, which are made from carefully selected raw materials to ensure the highest possible quality. These bricks have a softening temperature under load of 1530,  $\geq 1520$ ,  $\geq 1500$ ,  $\geq 1470$ , and  $\geq 1420$  degrees Celsius, which makes them suitable for a wide range of high-temperature applications.

If you're looking for a reliable, high-quality checker brick that can withstand even the harshest of environments, look no further than our Rongsheng Factory High Alumina Checker Refractory Bricks. Whether you're working in the steel industry, cement industry, or any other high-temperature industry, these checker bricks are sure to meet your needs.

### Features:

Product Name: High Alumina Refractory Brick

Refractoriness ( $^{\circ}\text{C}$ ):  $\geq 1790$ ,  $\geq 1790$ ,  $\geq 1790$ ,  $\geq 1770$ ,  $\geq 1750$

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

Apparent porosity (%): 22,  $\leq 23$ ,  $\leq 23$ ,  $\leq 22$ ,  $\leq 22$

Product Category: High Alumina Refractory Brick

$\text{Al}_2\text{O}_3$  (%): 80,  $\geq 75$ ,  $\geq 65$ ,  $\geq 55$ ,  $\geq 48$

This product is a type of refractory brick commonly known as a checker refractory brick, refractory checker brick, or refractory checker brick. It has a high refractoriness of  $\geq 1790^{\circ}\text{C}$  and excellent corrosion resistance to slag and chemical attack, especially in alkalis and acidic environments. The apparent porosity ranges from 22% to  $\leq 23\%$ , and the  $\text{Al}_2\text{O}_3$  content ranges from 80% to  $\geq 48\%$ .

### Technical Parameters:

Application	Technical Parameters
Steel Industry	Softening temperature under load ( $^{\circ}\text{C}$ ): 1530, $\geq 1520$ , $\geq 1500$ , $\geq 1470$ , $\geq 1420$
Cement Kilns	Bulk density ( $\text{g}/\text{cm}^3$ ): 2.65, 2.5, 2.45, 2.4, 2.3 Refractoriness ( $^{\circ}\text{C}$ ): $\geq 1790$ , $\geq 1790$ , $\geq 1790$ , $\geq 1770$ , $\geq 1750$
Regenerative Furnaces	High Temperature Resistance: Can withstand temperatures up to $1750^{\circ}\text{C}$ ( $3182^{\circ}\text{F}$ ) Mechanical Strength: High compressive strength, making them durable under heavy loads $\text{Al}_2\text{O}_3$ (%): 80, $\geq 75$ , $\geq 65$ , $\geq 55$ , $\geq 48$
Blast Furnaces	Used in hot blast stoves to preheat air blown into the blast furnace

### Applications:

The high alumina checker brick has excellent thermal shock resistance and is able to withstand rapid temperature changes without cracking. This makes it a popular choice for use in hot blast stoves to preheat air blown into the blast furnace. The apparent porosity of the product ranges from 22% to  $\leq 23\%$ , which is ideal for this application.

The high alumina refractory brick is also commonly employed in various high-temperature zones within steelmaking processes. Its durability and reliability make it an ideal choice for use in these applications. The checker brick is another popular product category within the high alumina refractory brick range.

### Support and Services:

Our High Alumina Refractory Brick product comes with comprehensive technical support and services to ensure efficient and effective use:

Expert consultation on product selection and application

Customized design based on specific requirements

On-site installation guidance

Regular maintenance and inspection

24/7 technical support and troubleshooting

We are committed to providing our customers with the highest level of support and services to maximize the performance and lifespan of our High Alumina Refractory Brick product.

### Packing and Shipping:

Product Packaging:

The high alumina refractory bricks will be packed in wooden pallets and wrapped with plastic film to ensure safe and

secure transportation.

Shipping:

The product will be shipped via sea or land transportation, depending on the customer's location and preference. We will ensure that the product is shipped in a timely manner and with the utmost care to prevent damage during transit.

## FAQ:

**Q1: What is the brand name of the High Alumina Refractory Brick?**

A1: The brand name of the High Alumina Refractory Brick is Rongsheng Xinwei.

**Q2: What are the available models of the High Alumina Refractory Brick?**

A2: The available models of the High Alumina Refractory Brick are RS-48, RS-55, RS-65, RS-75, RS-80.

**Q3: Is the High Alumina Refractory Brick certified?**

A3: Yes, the High Alumina Refractory Brick is certified with ISO9001.

**Q4: What is the minimum order quantity for the High Alumina Refractory Brick?**

A4: The minimum order quantity for the High Alumina Refractory Brick is 1 Ton.

**Q5: What is the price range of the High Alumina Refractory Brick?**

A5: The price range of the High Alumina Refractory Brick is between 200-800USD.

**Q6: What are the available payment terms for the High Alumina Refractory Brick?**

A6: The available payment terms for the High Alumina Refractory Brick are TT and L/C.

**Q7: What is the supply ability of the High Alumina Refractory Brick?**

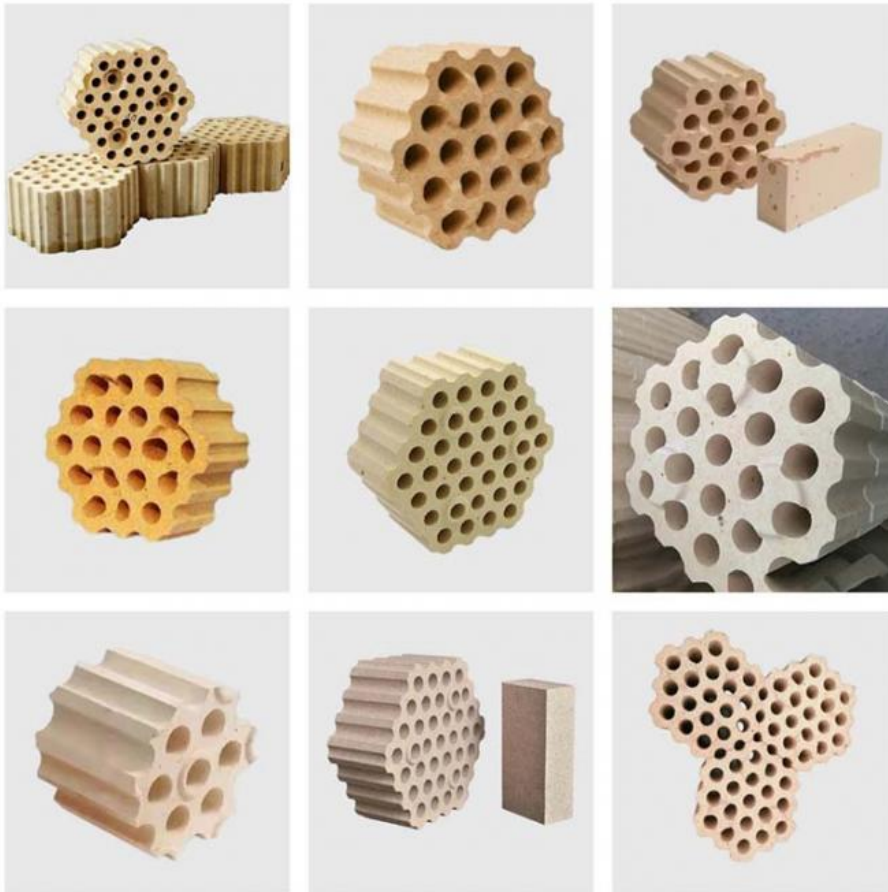
A7: The supply ability of the High Alumina Refractory Brick is 2000 tons per month.

**Q8: What is the delivery time for the High Alumina Refractory Brick?**

A8: The delivery time for the High Alumina Refractory Brick is between 20-30 days.

**Q9: How is the High Alumina Refractory Brick packaged?**

A9: The High Alumina Refractory Brick is packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages.



**Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd**



+86-18538509097



Jackyhan2023@outlook.com



bricksrefractory.com

11th Floors, Building 6, China Central Electronic Commerce Port, Daxue Road, Zhengzhou, Henan, China