



RONGSHENG XINWEI

Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd

bricksrefractory.com

## Chemical Attack Resistant High Alumina Refractory Brick Checker Brick For Glass Furnace Regenerators

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

- Thermal Shock Resistance: Excellent Ability To Withstand Rapid Temperature Changes Without Cracking
- Steel Industry Application: Employed In Various High-temperature Zones Within Steelmaking Processes
- Corrosion Resistance: Resistant To Slag And Chemical Attack, Especially From Alkalis And Acidic Environments
- Bulk Density (g/cm3): 2.65, 2.5, 2.45, 2.4, 2.3
- Cold Crushing Strength (Mpa): 55, ≥50, ≥45, ≥40, ≥35
- Product Name: Rongsheng Factory High Alumina Checker Refractory Bricks Suitable For Various High-Temperature Applications
- Mechanical Strength: High Compressive Strength, Making Them Durable Under Heavy Loads

## Product Description

### Product Description:

These high alumina checker bricks are designed to withstand extreme temperatures up to 1750°C (3182°F), making them suitable for use in various high-temperature zones within steelmaking processes. Our bricks have an excellent ability to resist thermal shock, which means they can withstand rapid temperature changes without cracking.

At Rongsheng Factory, we are committed to providing high-quality checker bricks that are reliable and durable. Our high alumina checker bricks are manufactured using high-quality raw materials and advanced technology to ensure they meet the industry's stringent standards.

Our high alumina checker bricks are available in various sizes and shapes to meet the specific needs of our customers. We offer customized solutions to meet the unique requirements of different applications. Whether you need checker bricks for a blast furnace, hot blast stove, or any other high-temperature zone, we have the right solution for you.

At Rongsheng Factory, we take pride in offering high-quality products at competitive prices. As a leading checker brick manufacturer, we are committed to providing our customers with the best products and services. Contact us today to learn more about our high alumina checker bricks and how we can help you meet your high-temperature application needs.

### Features:

Product Name: High Alumina Refractory Brick

Mechanical Strength: High compressive strength, making them durable under heavy loads

Cold crushing strength (Mpa): 55, ≥50, ≥45, ≥40, ≥35

Refractoriness (°C): ≥1790, ≥1790, ≥1790, ≥1770, ≥1750

Bulk density (g/cm<sup>3</sup>): 2.65, 2.5, 2.45, 2.4, 2.3

Product Category: High Alumina Refractory Brick

Looking for a high quality high alumina checker brick? Look no further than our top-of-the-line High Alumina Refractory Brick. As a leading checker brick manufacturer, we pride ourselves on producing bricks with high compressive strength and excellent durability under heavy loads. With cold crushing strengths ranging from 55 to 35 Mpa, refractoriness of at least 1750°C, and bulk densities ranging from 2.65 to 2.3 g/cm<sup>3</sup>, our High Alumina Refractory Brick is the perfect choice for your next project.

### Technical Parameters:

Technical Parameter	Value
Product Name	Rongsheng Factory High Alumina Checker Refractory Bricks Suitable For Various High-Temperature Applications
Refractoriness (°C)	≥1790, ≥1790, ≥1790, ≥1770, ≥1750
Al <sub>2</sub> O <sub>3</sub> (%)	80, ≥75, ≥65, ≥55, ≥48
High Temperature Resistance	Can withstand temperatures up to 1750°C (3182°F)
Corrosion Resistance	Resistant to slag and chemical attack, especially from alkalis and acidic environments
Cold Crushing Strength (Mpa)	55, ≥50, ≥45, ≥40, ≥35
Regenerative Furnaces Application	Utilized in the regenerator of glass furnaces to store heat
Blast Furnaces Application	Used in hot blast stoves to preheat air blown into the blast furnace
Mechanical Strength	High compressive strength, making them durable under heavy loads
Thermal Shock Resistance	Excellent ability to withstand rapid temperature changes without cracking

### Applications:

One of the key attributes of the Rongsheng high alumina checker brick is its excellent ability to withstand rapid temperature changes without cracking, making it a preferred choice for applications that involve thermal shock resistance. Additionally, the high-temperature resistance of this product is notable, with the ability to withstand temperatures up to 1750°C (3182°F).

The high alumina checker brick is commonly used in blast furnaces, specifically in hot blast stoves to preheat air blown into the blast furnace. This product is suitable for other high-temperature applications as well due to its thermal and high-temperature resistance properties. With an apparent porosity ranging from 22-23%, the Rongsheng high alumina

checker brick is a reliable and durable option for a range of industries.

### Support and Services:

Our High Alumina Refractory Brick Checker Brick product comes with comprehensive technical support and services to ensure the best performance and longevity of the product. Our technical team is available to provide guidance on installation, operation, and maintenance of the product. We offer on-site technical support for complex projects and can provide custom solutions to meet specific customer needs. Our services also include regular maintenance and inspection of the product to ensure it remains in top condition and performs optimally for its intended application. Additionally, we offer training and educational programs to enhance customer knowledge and skills in handling and maintaining the product.

### Packing and Shipping:

Product Packaging:

The high alumina refractory bricks are packed in wooden pallets or crates.

Each pallet or crate is securely strapped and wrapped with plastic film to prevent damage during transportation.

The bricks are arranged in layers with cardboard or foam sheets in between to avoid any scratching or breakage.

Shipping:

The product is shipped via sea or air transportation, depending on the customer's preference.

The shipping cost and duration may vary depending on the destination and mode of transportation.

We ensure prompt and safe delivery of the product to the customer's site.

### FAQ:

Here are some frequently asked questions and answers regarding our High Alumina Refractory Brick:

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

A: Our High Alumina Refractory Brick is manufactured by Rongsheng Xinwei.

**Q: What are the different models of your High Alumina Refractory Brick?**

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

**Q: Is your High Alumina Refractory Brick certified?**

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

**Q: Where is your High Alumina Refractory Brick manufactured?**

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

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

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

**Q: What are the payment terms for your High Alumina Refractory Brick?**

A: We accept payment via TT and L/C.

**Q: What is the supply ability for your High Alumina Refractory Brick?**

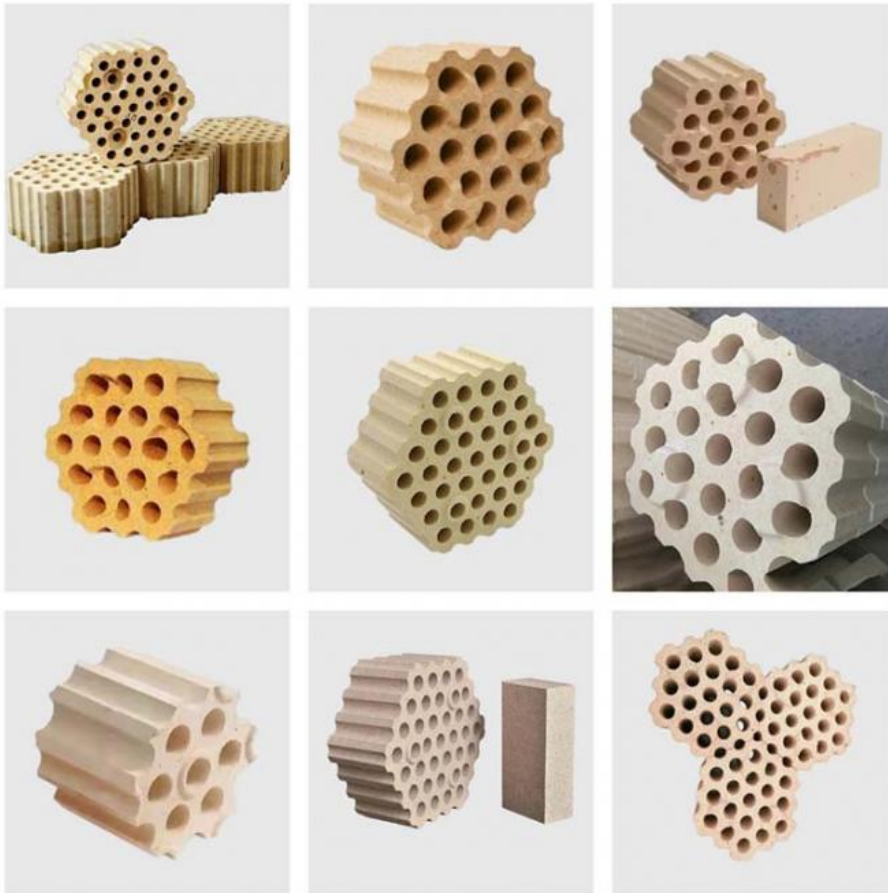
A: Our supply ability for High Alumina Refractory Brick is 2000 tons per month.

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

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

**Q: How is your High Alumina Refractory Brick packaged?**

A: Our High Alumina Refractory Brick is packed on wooden pallets, with a water-proof cover, and tightened with plastic or 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