

## Rongsheng Factory Hot Sale Excellent Quality Alumina Checker Brick With Very Good Thermal Shock Resista

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

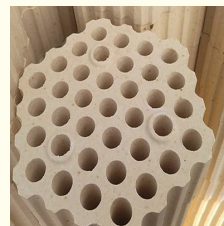


### Product Specification

- Application Temperature: 1400-1700
- Bulk Density: 2.2-2.4g/cm3
- Chemical Resistance: Good
- Cold Crushing Strength: 50-80MPa
- Color: Red
- Density: High
- Material: Alumina
- Name: High Alumina Refractory Brick
- Packaging: Plastic Film
- Refractoriness: 1790-1850
- Service Life: Long
- Shape: Brick
- Size: Standard
- Thermal Shock Resistance: Good



### More Images



### Product Description

#### Description of Rongsheng Factory Hot Sale Excellent Quality Alumina Checker Brick With Very Good Thermal Shock Resista

Checker bricks, also known as chequer bricks or grid bricks, are a type of refractory brick used in high-temperature industrial applications. They are characterized by their unique checkerboard-like pattern, consisting of alternating raised and recessed squares or rectangles.

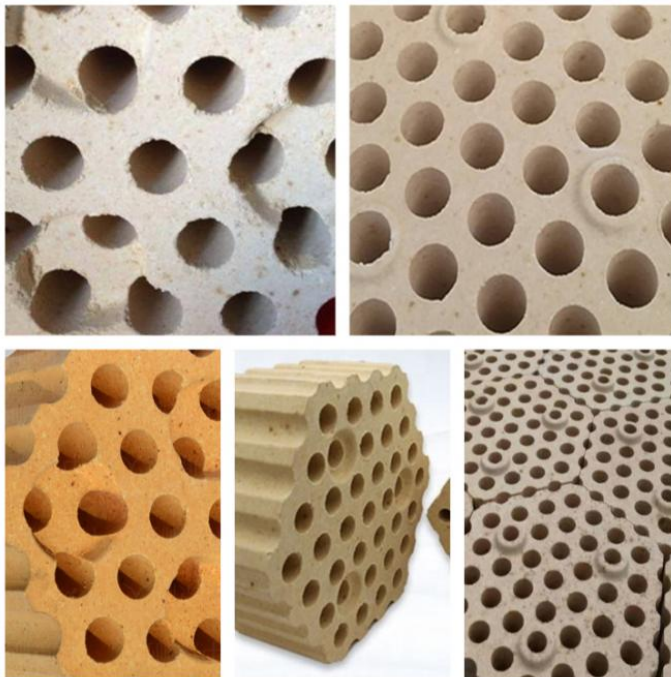
The design of checker bricks serves to increase their surface area, which enhances their insulating properties and makes them well-suited for environments with extreme heat. This unique structure allows checker bricks to withstand high temperatures and provide excellent resistance to thermal shock.

Checker bricks are commonly used in industries such as steelmaking, glassmaking, and ceramics production, where they are exposed to intense heat in furnaces, kilns, and other high-temperature equipment.

Overall, checker bricks play a crucial role in maintaining the structural integrity and thermal efficiency of industrial installations operating under extreme heat conditions. They are an essential component in various industrial processes that require reliable

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and durable refractory materials.



**Product Specification of Rongsheng Factory Hot Sale Excellent Quality Alumina Checker Brick With Very Good Thermal Shock Resistance**

Item	Properties			
	RS-80	RS-75	RS-65	RS-50
Al <sub>2</sub> O <sub>3</sub> (%)	80	≥75	≥65	≥55
Refractoriness (°C )	≥1790	≥1790	≥1790	≥1770
Bulk density (g/cm <sup>3</sup> )	2.65	2.5	2.45	2.4
Softening temperature under load (°C )	1530	≥1520	≥1500	≥1470
Reheating Linear Change Rate (%)	1500°CX2H	0.1	0.1	0.1
	1450°CX2H	-0.4	-0.4	-0.4
Apparent porosity (%)	22	≤23	≤23	≤22
Cold crushing strength (Mpa)	55	≥50	≥45	≥40



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