

## Rongsheng Refractory Group Good Quality Factory Price Hot Sale Refractory Clay Checker Bricks

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

- Al<sub>2</sub>O<sub>3</sub> Content: >48%
- Application Temperature: 1700-1800
- Bending Strength: >20MPa
- Color: Red
- Compressive Strength: >50MPa
- Density: 2.3-2.5g/cm<sup>3</sup>
- Fe<sub>2</sub>O<sub>3</sub> Content: <2.5%
- Material: High Alumina Refractory Brick
- Packing: Wooden Pallet
- Refractoriness: >1700
- Shape: Rectangular
- Size: Customized
- Thermal Conductivity: <1.2W/m.k
- Thermal Shock Resistance: >3.5 Times



### More Images



### Product Description

#### Description of Rongsheng Refractory Group Good Quality Factory Price Hot Sale Refractory Clay Checker Bricks

Checker bricks, also known as grid bricks or chequer bricks, are a type of refractory brick used in various industrial applications. They are characterized by their unique checkerboard-like pattern, with alternating raised and recessed squares or rectangles. This design serves to increase the surface area of the brick, enhancing its insulating properties and making it well-suited for high-temperature environments.

The distinctive structure of checker bricks allows them to withstand extreme heat and provide excellent resistance to thermal shock. They find application in industries where they are exposed to intense heat, such as in furnaces, kilns, and other high-temperature processing equipment.

Due to their specialized design and properties, checker bricks play a crucial role in maintaining the structural integrity and thermal efficiency of industrial installations operating at elevated temperatures.

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#### Features of Rongsheng Refractory Group Good Quality Factory Price Hot Sale Refractory Clay Checker Bricks

1. High refractoriness.
2. Good spalling resistance and wear resistance.
3. Good corrosion resistance.
4. Good thermal shock resistance.
5. High mechanical strength.
6. High-temperature creep rate is low.

#### Application of Rongsheng Refractory Group Good Quality Factory Price Hot Sale Refractory Clay Checker Bricks

steel furnace, glass furnace, sodium silicate furnace, ceramic shuttle kiln, cement rotary kiln, blast furnace, electric furnace, blast furnace and reverberatory furnace.

#### Product Specification of Good Quality Factory Price Hot Sale Refractory Clay Checker Bricks

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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