

## Refractory Sintered Magnesia Chrome Brick For Cement Kilns And Glass Furnaces

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Rongsheng
- Minimum Order Quantity: 1 Ton
- Price: 200-800 USD
- Packaging Details: Packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons/month

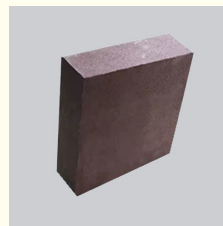


### Product Specification

- Highlight: Magnesia Chrome Brick,  
Cement kilns Magnesia Chrome Brick,  
Glass Furnaces Magnesia Chrome Brick



### More Images



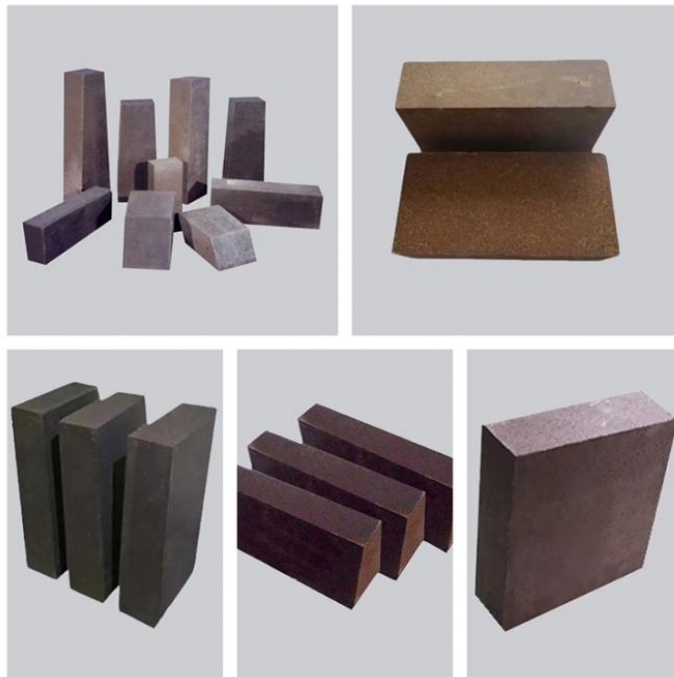
### Product Description

#### Product Description of Rongsheng Refractory Factory High Quality Refractory Sintered Magnesia Chrome Brick For Cement kilns And Glass Furnaces

Sintered magnesia chrome bricks are a type of refractory brick, which are heat-resistant materials used in linings for furnaces, kilns, incinerators and other high-temperature environments.

They are made from sintered magnesia (magnesium oxide, MgO) and chromite (chromium(III) oxide, Cr<sub>2</sub>O<sub>3</sub>) as the main components. Sintering is a process of compacting and forming a material by heating it below its melting point. This process gives the bricks their high strength and resistance to high temperatures

Our Product Introduction

**Features And Application of Sintered Magnesia Chrome Brick**

Sintered Magnesia chrome bricks are known for their excellent resistance to heat, slag, and abrasion. They are commonly used in a variety of applications, including:

Cement kilns  
Glass furnaces  
Non-ferrous metal melting furnaces (e.g., copper, nickel, lead)  
Electric arc furnaces (EAFs)  
Basic oxygen furnaces (BOFs)  
Vessel linings in secondary refining processes

**Product Specification of Sintered Magnesia Chrome Brick**

| Item                             | Physical and Chemical Indicators |          |          |
|----------------------------------|----------------------------------|----------|----------|
|                                  | RSMFe-18                         | RSMFe-16 | RSMFe-12 |
| MgO %                            | ≥45                              | ≥50      | ≥55      |
| Cr <sub>2</sub> O <sub>3</sub> % | ≥18                              | ≥16      | ≥12      |
| SiO <sub>2</sub> %               | ≤1.5                             | ≤1.5     | ≤1.5     |
| Apparent Porosity %              | ≤22                              | ≤22      | ≤20      |
| Cold Crush Strength MPa          | ≥30                              | ≥30      | ≥30      |
| 0.2Mpa Refractoriness Under Load | ≥1550                            | ≥1550    | ≥1550    |

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