

## Fused Magnesia Bricks From Rongsheng Refractory Revolutionize Your High-Temperature Operations

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: DMZ-92, DMZ-95, DMZ-96, DMZ-97, DMZ-98
- 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: 20-30Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons/month



### Product Specification

- Highlight: High Temperature Fused Magnesia Bricks, Refractory's Fused Magnesia Bricks, High Temperature Magnesia Bricks



### More Images



### Product Description

#### Overview of Cost-Effective Fused Magnesia Bricks From Rongsheng Refractory Revolutionize Your High-Temperature Operations

Fused Magnesia Bricks are high-quality refractory materials widely used in various high-temperature industrial environments. Due to their excellent refractory performance, superior corrosion resistance, and high strength, Fused Magnesia Bricks have become the preferred material for many industries, especially in steel, glass, cement, and non-ferrous metal production.

Our Product Introduction



#### Product Features of Cost-Effective Fused Magnesia Bricks From Rongsheng Refractory

**Outstanding Refractoriness:** With a melting point above 2800°C, Fused Magnesia Bricks can withstand extremely high temperatures, making them ideal for furnaces and kilns.

**Excellent Corrosion Resistance:** Fused Magnesia Refractory Bricks resist chemical attacks from basic slags and alkaline substances, ensuring a longer service life in harsh conditions.

**High Mechanical Strength:** These bricks offer superior structural integrity, maintaining their shape and performance under mechanical stress and high temperatures.

**Low Thermal Conductivity:** Fused Magnesia Bricks have low thermal conductivity, providing excellent insulation properties and energy efficiency in industrial applications.

#### Product Composition and Classification

Fused Magnesia Bricks' main composition is magnesia, with a magnesia content typically exceeding 90%. The primary crystal phase present is periclase. Magnesia bricks are generally divided into two categories:

1. Sintered Magnesia Bricks: These are produced by sintering magnesia and are categorized based on their bonding methods:

2. Direct Combination Magnesia Bricks: These bricks are produced by direct contact sintering.

Reunited Fused Magnesia Bricks: These are made from electric-fused magnesia, resulting in a highly stable product with excellent properties.

Chemical Combination Magnesia Refractory Bricks: These bricks are bonded chemically, offering a different set of properties tailored for specific applications.

#### Applications of Cost-Effective Fused Magnesia Bricks From Rongsheng Refractory

**Steel Industry:** Used in electric arc furnaces, basic oxygen furnaces, and ladles due to their ability to endure high temperatures and corrosive environments.

**Glass Industry:** Ideal for glass tank regenerators and crowns, as they can withstand high temperatures and resist corrosion from molten glass.

**Cement Industry:** Employed in rotary kilns and other high-temperature zones due to their durability and resistance to clinker reactions.

**Non-Ferrous Metal Industry:** Suitable for applications in furnaces and reactors where non-ferrous metals are processed, ensuring stability and longevity.

#### Product Specification of Rongsheng Fused Magnesia Brick

Item	Fused Magnesite Bricks			
	DMZ-92	DMZ-95	DMZ-96	DMZ-97
Grade	DMZ-92	DMZ-95	DMZ-96	DMZ-97
MagO (%)	92.5	95.2	96.1	96.65
CaO (%)	1.8	1.55	1.35	1.3
SiO2 (%)	3.5	1.95	1.32	1.1
0.2Mpa Refractoriness Under Load T0.6	1600	1700	1700	1701
Cold Crushing Strength (Mpa)	80	85	85	84
Bulk Density g/cm³	2.96	2.98	3.05	3.06
Apparent Porosity %	15.5	15.2	14.7	14.8

#### Why Choose Our Fused Magnesia Bricks?

**High Purity Raw Materials:** Our Fused Magnesia Bricks are made from the highest quality raw materials, ensuring superior performance and reliability.

**Advanced Manufacturing Processes:** We utilize state-of-the-art manufacturing techniques to produce Fused Magnesia Refractory Bricks that meet the stringent standards of various industries.

**Customized Solutions:** We offer tailored solutions to meet specific customer requirements, providing bespoke sizes and compositions to suit unique industrial applications.

**Comprehensive Technical Support:** Our team of experts is available to provide technical support and guidance, ensuring

optimal performance and longevity of our Fused Magnesia Bricks in your applications.

**Contact Us**

Discover the benefits of our high-performance Fused Magnesia Bricks and enhance the efficiency and durability of your high-temperature operations. For inquiries and more information, please contact us:

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We look forward to assisting you with your refractory needs and providing you with the best solutions for your industrial applications.



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