

## High-Performance Fused Magnesia Bricks For High-Temperature Industries

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: 20-30 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons/month

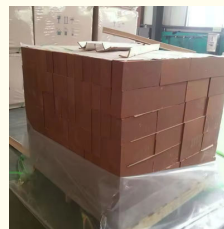


### Product Specification

- Highlight: Fused Magnesia Bricks, High Performance Magnesia Bricks, High Temperature Magnesia Bricks



### More Images



### Product Description

#### Overview of High-Performance Fused Magnesia Bricks At Competitive Prices For High-Temperature Industries

Fused Magnesia Bricks are premium refractory materials engineered to deliver outstanding performance in high-temperature industrial environments. Renowned for their excellent refractory properties, superior corrosion resistance, and robust mechanical strength, Fused Magnesia Bricks are indispensable in sectors such as steel, glass, cement, and non-ferrous metal production.

Our Product Introduction



#### Product Features of High-Performance Fused Magnesia Bricks

- 1.Exceptional Refractoriness:** With a melting point exceeding 2800°C, Fused Magnesia Bricks are capable of withstanding extreme temperatures, making them perfect for high-temperature furnaces and kilns.
- 2.Superior Corrosion Resistance:** These bricks resist chemical attacks from basic slags and alkaline substances, ensuring a longer service life in harsh operational environments.
- 3.High Mechanical Strength:** Fused Magnesia Bricks maintain their structural integrity under mechanical stress and high temperatures, providing reliable performance in demanding applications.
- 4.Low Thermal Conductivity:** These bricks offer excellent insulation properties and enhance energy efficiency in industrial applications due to their low thermal conductivity.

#### Product Composition and Classification

The primary component of Fused Magnesia Bricks is magnesia, with a typical magnesia content of over 90%. The main crystalline phase in these bricks is periclase. Magnesia bricks are generally classified into two main types:

**Sintered Magnesia Bricks:** Produced by sintering magnesia, these bricks are further categorized into:

**Direct Combination Magnesia Bricks:** Formed through direct contact sintering.

**Reunited Fused Magnesia Bricks:** Manufactured from electric-fused magnesia, offering exceptional stability and performance.

**Chemical Combination Magnesia Refractory Bricks:** These bricks are bonded chemically, providing tailored properties for specific applications.

#### Applications of Fused Magnesia Bricks From Rongsheng Refractory Factory

**1.Steel Industry:** Fused Magnesia Bricks are utilized in electric arc furnaces, basic oxygen furnaces, and ladles due to their ability to withstand high temperatures and corrosive environments.

**2.Glass Industry:** Ideal for glass tank regenerators and crowns, these bricks can endure high temperatures and resist corrosion from molten glass.

**3.Cement Industry:** Employed in rotary kilns and other high-temperature zones, Fused Magnesia Bricks offer durability and resistance to clinker reactions.

**4.Non-Ferrous Metal Industry:** These bricks are suitable for 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 High Quality Affordable Price Fused Magnesia Bricks?

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

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

**3.Competitive Pricing:** Our efficient production methods and direct factory supply chain enable us to offer Fused Magnesia Bricks at competitive prices, providing excellent value for our customers.

4.Global Export Expertise: With extensive experience in exporting refractory materials worldwide, we ensure timely delivery and comprehensive support for our international customers.

5.Customized Solutions: We provide tailored solutions to meet specific customer requirements, offering bespoke sizes and compositions to suit unique industrial applications.

6.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-quality 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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