

Premium Alumina Silica Fire Bricks High Fire Resistant High Alumina Refractory Bricks For Industrial Use

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: RSAS60, RSAS70, RSAS75, RSAS80
- 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: 20-30 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000tons /month



Product Specification

- Highlight: Industrial High Alumina Refractory Bricks, Premium Alumina Silica Fire Bricks

Our Product Introduction

Product Description

Product Description of Rongsheng Premium Alumina Silica Fire Bricks High Fire Resistant High Alumina Refractory Bricks For Industrial Use

Discover the superior performance of Rongsheng Refractory's Alumina Silica Fire Bricks, crafted to withstand high temperatures and challenging industrial environments. These fire bricks combine a high concentration of alumina (Al_2O_3) and silica (SiO_2) to offer unbeatable thermal stability, corrosion resistance, and robust structural integrity, making them a trusted choice for numerous industries.



Outstanding Benefits

High-Temperature Endurance: Engineered to resist temperatures up to 1,750°C, providing excellent heat stability across various high-temperature applications.

Corrosion & Erosion Resistant: With the ability to withstand exposure to harsh chemicals and abrasive environments, these bricks ensure longevity even in demanding conditions.

Exceptional Strength: Their strong mechanical construction allows for reliable performance with minimal wear, even after long-term exposure to extreme temperatures.

Thermal Efficiency: By reducing heat loss, the low thermal conductivity of these bricks enhances the energy efficiency of furnaces and kilns, leading to lower operating costs.

Versatile Applications

These premium alumina silica bricks are ideal for use in industries requiring high-temperature resistance and durability:

Steel Production: Perfect for lining steelmaking equipment such as blast furnaces and converters, where high-temperature endurance is key.

Cement Manufacturing: Widely used in rotary kilns and preheater systems to handle the intense heat and chemical exposure of cement production.

Glass Manufacturing: Essential for glass melting tanks due to their ability to withstand rapid temperature shifts while maintaining stability.

Ceramic Kilns: Preferred for ceramic kiln linings where both thermal insulation and long-term durability are necessary.

Product Specification of Rongsheng Refractory Alumina Silica Refractory Bricks

Item	RSAS60	RSAS70	RSAS75
AL ₂ O ₃ (%)	≥60	≥70	≥75
SIO ₂ (%)	32	22	20
Fe ₂ O ₃ (%)	≤1.7	≤1.8	≤1.8
Refractoriness °C	1790	>1800	>1825
Bulk density,g/cm3	2.4	2.45-2.5	2.55-2.6
Softening temperature under load	≥1470	≥1520	≥1530
Apparent porosity, %	22	<22	<21
Cold Crushing strength Mpa	≥45	≥50	≥54

Why Work With Us?

At Rongsheng Refractory, we are committed to delivering only the highest quality refractory solutions. Our Alumina Silica Fire Bricks are crafted using advanced production methods, ensuring durability and efficiency for your high-temperature applications. Trust our expertise to help you optimize your industrial processes.

Contact Us

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