

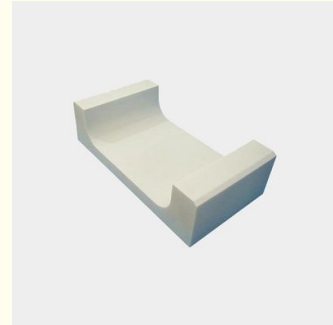
Industrial Furnace Fused Corundum Brick Kiln Fire Brick Wear Resistant

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Fused Cast α Corundum Bricks, Fused Cast β Corundum Bricks, Fused Cast α - β Corundum Bricks
- 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

- Al₂O₃ Content: $\geq 90\%$
- Bending Strength: 200MPa
- Color: Red
- Compressive Strength: 300MPa
- Density: 3.85g/cm³
- Material: Corundum
- Porosity: $\leq 20\%$
- Product Name: Corundum Brick
- Refractoriness: 1790
- Refractoriness Under Load: 1450
- Shape: Brick
- Size: Customized
- Softening Temperature: 1400
- Thermal Conductivity: 1.2W/m.K
- Thermal Expansion: $4.5 \times 10^{-6}/K$

Product Description

Customized Fused Corundum Brick Kiln Fire Brick Wear-resistant Corundum Refractory Bricks For Industrial Furnace
Fused corundum bricks are highly sought-after due to their exceptional properties and are primarily composed of corundum as the main crystalline phase. The Alumina content of **Fused Corundum Brick** is greater than 90%, are the hot selling product of Rongsheng Group.



Applicaition of Fused Corundum Brick

Fused corundum bricks are used in industries where extreme temperatures and corrosive environments are prevalent. Key

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applications include lining steelmaking furnaces, glass melting furnaces, ceramics kilns, chemical reactors, cement rotary kilns, non-ferrous metal furnaces, and power generation systems, among others. Their high compressive strength, resistance to acidic or alkaline substances, and ability to withstand temperatures over 1700°C make them indispensable in high-temperature industrial processes.

Parameters of Fused Corundum Brick

Item	Index		
	Fused Cast α Corundum Bricks	Fused Cast β Corundum Bricks	Fused Cast α-β
Al ₂ O ₃ %	98	92	9
Na ₂ O %	1.0	6.5	4
SiO ₂ +CaO+Fe ₂ O ₃ +TiO ₂ %	≤1.0	≤1.5	≤
α-Corundum %	90	2	4
β-Corundum %	4	97	!
Glass Phase %	6	1	
Bulk Density (Dense part) g/cm ³	3.3	3.1	3
Cold Crushing Strength MPa	200	50	2
0.2Mpa Refractoriness Under Load	1700	1700	
Static Resistance To Liquid Glass Erosion Depth mm/24h Ordinary Soda Lime Glass 1350 ×48h	/	/	(



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