

High Temperature Fireclay Brick High Strength Yellow Refractory Bricks With Robust Mechanical Strength & Durability

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou, Henan, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO Certification
- Model Number: SK-32, SK-34, SK-36
- 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: 2000tons /month



Product Specification

- Chemical Resistance: High
- Color: Yellow
- Compressive Strength: High
- Durability: High
- Frost Resistance: High
- Heat Resistance: High
- Material: Clay
- Product Name: Fireclay Brick
- Shape: Rectangular
- Size: Standard
- Surface: Smooth
- Thickness: 1.5 Inch
- Water Absorption: Low
- Weight: 3.5 Lbs
- Highlight: High Strength Fireclay Brick,



More Images



Product Description

Product Description of High Temperature Fireclay Brick High Strength Yellow Refractory Bricks With Robust Mechanical Strength & Durability

Rongsheng's Fire Clay Brick, also known as refractory clay brick or firebrick, is a highly sought-after material in various industries. Crafted from premium clay and meticulously processed with carefully chosen additives, it ensures exceptional performance.

Our Fire Clay Brick exhibits outstanding heat resistance and thermal stability, making it the ideal choice for high-temperature environments. With a high refractoriness, it can endure temperatures ranging from 1,300 to 1,800 degrees Celsius (2,372 to 3,272 degrees Fahrenheit). This renders it superb for lining furnaces, kilns, boilers, and other heat-intensive equipment.

Designed to withstand thermal shock, chemical attack, and erosion, our Fire Clay Brick also provides effective insulation against heat transfer due to its low thermal conductivity. Additionally, it boasts robust mechanical strength, ensuring durability and resistance to mechanical stress.

Rongsheng's Fire Clay Brick is widely applied in industries including steel production, non-ferrous metal smelting, cement

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manufacturing, and glassmaking. It is frequently used in constructing blast furnaces, coke ovens, incinerators, and other high-temperature equipment. Furthermore, it serves as a dependable lining material for chimneys, fireplaces, and industrial boilers.



Products Specification of Top Quality SK-32 SK-34 SK-36 Fireclay Brick Yellow Refractory Bricks

Item	Fire Clay Brick SK-32	Fire Clay Brick SK-34	Fire Clay
Al ₂ O ₃ (%)	30	38	
Fe ₂ O ₃ (%)	3	2.5	
Refractoriness (SK)	32	34	
Refractoriness under load, 0.2MPa, Ta, ((°C)	1300	1350	
Porosity (%)	22-26	19-23	
Bulk density (g/cm ³)	2.05	2.10-2.15	2.1
Cold crushing strength (MPa)	25	25	
Thermal expansion at 1000°C (%)	0.6	0.6	



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