

Thin Fireclay Brick Round Curved Kiln Refractory Brick Clay Fire Bricks With 30-50% Al₂O₃ For Cement Industry

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-30, SK-32, SK-34, SK-35
- 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: 2000 tons /month



Product Specification

- Color: Yellow
- Durability: High
- Edge: Smooth
- Heat Resistance: High
- Material: Clay
- Name: Fireclay Brick
- Shape: Rectangle
- Size: Standard
- Surface: Glazed
- Texture: Smooth
- Thickness: 2 Cm
- Usage: Building
- Water Resistance: High
- Weight: 2 Kg
- Highlight: Thin Fireclay Brick, Fireclay Brick Round,



More Images



Product Description

Product Description of Thin Fireclay Brick Round Curved Kiln Refractory Brick Clay Fire Bricks With 30-50% Al₂O₃ For Cement Industry

The Fire Clay Brick contains an Al₂O₃ content ranging from 30% to 50%. In the production process, clay chamotte is initially blended with refractory clay powder. It is then mixed with clay aggregate to form dry mud, followed by high-pressure molding and sintering at approximately 1400°C. When subjected to high temperatures, these fire clay bricks exhibit a slightly acidic nature and demonstrate limited resistance to alkaline slag erosion. However, as the Al₂O₃ content increases, their thermal stability surpasses that of silica brick, magnesite brick, and similar materials.

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Product Features of Thin Fireclay Brick Round Curved Kiln Refractory Brick Clay Fire Bricks

- 1.High heat resistance
- 2.Low thermal conductivity
- 3.Durability:
- 4.Aesthetics
- 5.High compressive strength
- 6.Low water absorption
- 7.Chemical resistance

Product Application of Round Curved Kiln Refractory Brick Clay Fire Bricks With 30-50% Al₂O₃ For Cement Industry

- 1) Cement and other building materials industry kiln back insulation;
- 2) Petrochemical, metallurgical, ceramics, glass industry, the furnace lining insulation;
- 3)Heat treatment furnace backlash insulation;
- 4)Non-ferrous metal industry back insulation;
- 5)High temperature reaction, heating equipment back insulation insulation

Product Specification of Thin Fireclay Brick Round Curved Kiln Refractory Brick Clay Fire Bricks

Item/Grade	Fire Clay Brick					High Alumina t	
	SK-30	SK-32	SK-34	SK-35	SK-36	SK-37	S
AL ₂ O ₃ % (≥)	30	35	38	45	55	65	
Fe ₂ O ₃ % (≤)	2.5	2.5	2	2	2	2	
Refractoriness(SK)	30	32	34	35	36	37	
Refractoriness Under Load, 0.2MPa, °C (≥)	1250	1300	1360	1420	1450	1480	1
Apparent Porosity (%)	22-26	20-24	20-22	18-20	20-23	20-23	2
Bulk Density (g/cm ³)	1.9-2.0	1.95-2.1	2.1-2.2	2.15-2.22	2.25-2.4	2.3-2.5	2.
Cold Crushing Strength ,MPa (≥)	20	25	30	40	45	50	



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