

## Fire Resistant SK34 Refractory Brick Furnace Lining Bricks Thermal Stability 1790°C

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: RS-48, RS-55, RS-65, RS-75, RS-80
- 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

- Abrasion Resistance: High
- Acid Resistance: High
- Alkali Resistance: High
- Chemical Resistance: High
- Color: White
- Corrosion Resistance: High
- Creep Resistance: High
- Density: High
- Material: High Alumina Refractory Brick
- Refractoriness: High
- Refractoriness Under Load: High
- Shape: Square
- Size: Standard
- Thermal Conductivity: Low
- Thermal Shock Resistance: High



### Product Description

#### Description of Fire Resistant SK34/36 Refractory Brick For Furnace Lining With Thermal Stability 1790

High alumina brick, an alumina-silicate refractory material, is formulated with an alumina oxide content surpassing 48%. It is manufactured through the calcination and shaping of bauxite or materials abundant in AL<sub>2</sub>O<sub>3</sub>. Demonstrating extraordinary thermal stability, it attains a refractoriness surpassing 1770 . Its remarkable resistance to slag makes it a prime choice for lining steelmaking electric furnaces, glass kilns, and cement rotary kilns.

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#### Features of Fire Resistant SK34/36 Refractory Brick For Furnace Lining With Thermal Stability 1790:

High Alumina Content  
Excellent Thermal Stability  
Good Resistance to Thermal Shock  
Low Thermal Conductivity  
High Compressive Strength  
Versatile Applications

#### Applicaition of Fire Resistant Sk34/36 Refractory Brick:

steel furnace, glass furnace, sodium silicate furnace, ceramic shuttle kiln, cement rotary kiln, blast furnace, electric furnace, blast furnace and reverberatory furnace.

#### Product Specification of Fire Resistant SK34/36 Refractory Brick For Furnace Lining

High Alumina Refractory Brick Physical and Chemical Index:					
Item		Properties			
		RS-80	RS-75	RS-65	RS-55
Al <sub>2</sub> O <sub>3</sub> (%)		80	≥75	≥65	≥55
Refractoriness (°C )		≥1790	≥1790	≥1790	≥1770
Bulk density (g/cm3)		2.65	2.5	2.45	2.4
Softening temperature under load (°C )		1530	≥1520	≥1500	≥1470
Linear changes on reheating (%)	1500°CX2H	0.1	0.1	0.1	0.1
		-0.4	-0.4	-0.4	-0.4
	1450°CX2H				
Apparent porosity (%)		22	≤23	≤23	≤22
Cold crushing strength (Mpa)		55	≥50	≥45	≥40
Application		steel furnace, glass furnace, sodium silicate furnace, ceramic shuttle kiln, cement rotary kiln, blast furnace and reverberatory furnace.			



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