

High Quality Assured Dense Zircon Bricks Furnace Refractory Bricks For **Enhanced Performance in Glass Kilns**

cover, and tightened with plastic/steel bandages

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Basic Information • Place of Origin: Zhengzhou, China • Brand Name: Rongsheng Xinwei • Certification: ISO9001 Model Number: Rongsheng • Minimum Order Quantity: 1 Ton • Price: 200-800 USD • Packaging Details: Packed on wooden pallets, with water-proof

10-20 Days

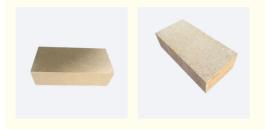
- Delivery Time:
- Payment Terms: TT; L/C 2000 tons/month
- Supply Ability:

Product Specification

 Thermal Expansion: 	Low
Strength:	High
Corrosion Resistance:	High
Model:	As Required
 Application: 	Furnace, Kiln, Incinerator, Etc.
• Feature:	High Temperature Resistance
Compressive Strength:	50-200MPa
 Improved Product Quality: 	Yes
 Flexural Strength: 	≥10MPa
Chemical Composition:	High, Medium, Low
 True Density: 	≤2.33 G/cm3
Moisture Content:	Low
Material:	Silica, Alumina, Magnesia, Zirconia, Etc
Color:	White, Yellow, Brown, Etc.
Packing:	Wooden Pallets Or Cartons



More Images



Product Description

Our Product Introd

Product Description of High Quality Assured Dense Zircon Bricks Furnace Refractory Bricks For Enhanced Performance in Glass Kilns

Dense zircon bricks are a type of refractory brick, meaning they are used in high-temperature environments. They are made from zirconium silicate (ZrSiO4) and are known for their high density, low porosity, and excellent thermal shock resistance.

Because of these properties, they are commonly used in glass furnaces, particularly for the bottom blocks, superstructure blocks, tuckstones, transition bricks, flow blocks, and thermocouple and peephole blocks They can also be found in soda-lime glass kilns, channel blocks, and the sidewall of glass fiber kilns and floating glass tanks.



Key Properties of High Quality Assured Dense Zircon Bricks: High refractoriness: They can withstand temperatures exceeding 2400°C (4352°F). Excellent thermal shock resistance: They can withstand rapid changes in temperature without cracking or spalling. High corrosion resistance: They are resistant to attack by molten glass and other corrosive chemicals. High mechanical strength: They are strong and durable, even at high temperatures. Low thermal conductivity: They help to insulate furnaces and kilns, reducing heat loss.

Product Specification of Dense Zircon Bricks For Glass Kilns

Item		Symbol	ZS-G	ZS- Z	ZS-65A	ZS-65B	
Bulk Density/(g/cm ³)		2	4.30	4.1 0	3.70	3.70	
Apparent Porosity/ (%)		≤	1	11	17	19	
Room Temperature Compressive Strength/MPa	e	2	300	200	100	80	
Refractoriness Under Load T0.6/(°C)	2	1700	170 0	1680	1650	
resistance to glass liquid erosion under static conditions/ (cm²/24h)							
			Provide Detection Data				
(alkali-free glass,1500 ×48h)							
	Zr O 2	2	65	68	65		
Si O 2		<	32	30	33		
- 2 1	Fe 2 O 3	≤	0.20	0.2	0.2		
	Ti O₂	٤	1.2	1.2	1.2		

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