

**AZS-33 36 41 Zirconia Corundum Refractory Brick For Kiln Fused Furnace Refractory Brick**

Our Product Introduction

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- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: AZS33#, AZS36#, AZS41#
- 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**

- Application: Furnace
- Color: White
- Durability: Excellent
- Length: 20cm
- Material: Corundum
- Name: Corundum Brick
- Packaging: Carton
- Shape: Brick
- Size: Standard
- Surface: Smooth
- Temperature: High
- Thickness: 2cm
- Weight: 2.5kg
- Width: 10cm
- Highlight: Zirconia Corundum Refractory Brick,

Our Product Introduction

**Product Description****Description of High Quality Fused AZS-33/36/41 Bricks Zirconia Corundum Refractory Brick For Kiln and Furnace**

Sintered Zirconia Corundum Bricks, also know as AZS bricks, can be made by Sintered or Fused. AZS has good resistance to alkali steam and thermal shock. It is mainly used for flame space of glass furnace, arch brick and wall brick of regenerator and upper lattice, and also can be used for auxiliary bottom or material channel brick of Float glass furnace and daily use glass furnace.

Zirconium Corundum Bricks can be divided into several grades according to the content of ZrO<sub>2</sub>, such as three grades of 33%, 36% and 41%

**Zirconium Corundum Bricks Properties:**

- 1.Casted by melting raw material in the mold, then cooling and solidification.
- 2.Strong glass corrosion resistance and high thermal shock stability.
- 3.Good wear-resistance,slag-resistance and alkali corrosion resistance.
- 4.High-purity raw material, barely no pollution.
- 5.Top quality, long service time.

Shapes and sizes: there are great variety of formats and shapes which are available for different forming and special machine processes.

#### AZS Bricks Application:

- 1.Sodium silicate furnace, ceramic frit furnace, glass furnace, etc..
- 2.Important parts of furnaces where chemical erosion is serious and temperature changes frequently.
- 3.Lining of glass furnace.
- 4.The chemical industrial, metallurgical furnaces.

#### Parameter of Zirconium Corundum brick

Item		Index	
		AZS33#	AZS36#
Al <sub>2</sub> O <sub>3</sub> %		Balance	
ZrO <sub>2</sub> %		32	34
SiO <sub>2</sub> %		16	14
Fe <sub>2</sub> O <sub>3</sub> +TiO <sub>2</sub> +CaO+MgO+K <sub>2</sub> O+Na <sub>2</sub> O %		≤2.5	≤2.5
Bulk Density (Dense part) g/cm <sup>3</sup>		3.7	3.75
Apparent Porosity %		2.0	1.5
Glass Phase Initial Precipitation Temperature		1400	1400
Glass Phase Exudation % 1500 ×4h		2.0	3.0
Static Resistance To Liquid Glass Erosion Depth mm/24h Ordinary Soda Lime Glass 1500 ×36h		1.6	1.5
Bubble Precipitation Rate % Ordinary Soda Lime Glass 1300 ×36h		2.0	1.5
Specific Gravity g/cm <sup>3</sup>	PT/QX	3.5	3.5
	ZWS	3.6	3.6
	WS	3.65	3.7



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