

## High Performance Al<sub>2</sub>O<sub>3</sub>-SiC-C Brick Extreme Temperature Resistance Furnace Refractory Bricks

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: ASC-1, ASC-2, ASC-3, ASC-4
- 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: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000tons /month



### Product Specification

- Highlight: Extreme Temperature Resistance Furnace Refractory Bricks , High Performance Furnace Refractory Bricks, Al<sub>2</sub>O<sub>3</sub>-SiC-C Furnace Refractory Bricks

Our Product Introduction

### Product Description

#### Product Overview of High-Performance Al<sub>2</sub>O<sub>3</sub>-SiC-C Brick Extreme Temperature Resistance Furnace Refractory Bricks

Al<sub>2</sub>O<sub>3</sub>-SiC-C bricks are renowned for their exceptional performance in high-temperature environments. They exhibit remarkable mechanical strength at elevated temperatures, ensuring durability and structural stability during operation. These bricks stand out due to their excellent resistance to chemical erosion and slag corrosion, making them highly suitable for harsh industrial applications. Furthermore, they possess a high refractoriness under load, which enhances their reliability under intense thermal conditions. Their outstanding thermal shock resistance further adds to their appeal, allowing them to endure rapid temperature changes without compromising integrity.



Product Specification of High-Performance Al<sub>2</sub>O<sub>3</sub>-SiC-C Brick From Rongsheng Refractory:

| Item                             | Specification |       |       |  |
|----------------------------------|---------------|-------|-------|--|
|                                  | ASC-1         | ASC-2 | ASC-3 |  |
| Al <sub>2</sub> O <sub>3</sub> % | ≥72           | ≥70   | ≥65   |  |
| SiC %                            | ≥3            | ≥5    | ≥8    |  |
| C %                              | ≥8            | ≥10   | ≥12   |  |
| Apparent Porosity, %             | ≤12           | ≤8    | ≤7    |  |
| Bulk Density, g/cm <sup>3</sup>  | ≥3.0          | ≥2.95 | ≥2.9  |  |
| CCS, MPa                         | ≥45           | ≥40   | ≥40   |  |
| CMOR, MPa                        | ≥15           | ≥12   | ≥10   |  |

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