



## **MAGNESIA BRICK**

### **Specifications:**

1.Magnesia Brick Refractory

2.CCS:60mpa,RUL:1700

3.Good erosion resistance

4.High quality

5.Reasonable price

### **Magnesia Brick Features:**

Excellent performance of basic slag resistance, high refractoriness, thermal stability, anti-erosion and anti-peeling

Excellent strength of pressure bending, abrasion proof

Excellent performance of high-temperature firing, high rates of associative property, anti-erosion ability

Excellent thermal shock resistance and spalling resistance

Excellent ability of high refractoriness, anti-erosion of alkaline residue;

High temperature load of refractoriness under load. High mechanical strength

High temperature resistance excellent corrosion resistance

Resistance to spalling

It is basic refractory which the main phase is periclase. The product has such characteristics as high temperature resistance. Good slag resistance. strong



## ZHENGZHOU SUNRISE REFRACTORY CO., LTD

corrosion resistance and steady volume in high temperature

### Application:

Magnesia brick is characterized by high refractoriness, good alkali resistance and superior refractoriness under load, and it is mainly applied to the regenerators of glass kilns and other high temperature furnaces.

### Physical and chemical index

Item		TY- MZ-93
Chemical composition %	MgO $\geq$	93
	SiO <sub>2</sub> $\leq$	2.5
	Fe <sub>2</sub> O <sub>3</sub> $\leq$	-
	CaO $\leq$	2.0
Apparent Porosity % $\leq$		18
Bulk Density g/cm <sup>3</sup> $\geq$		2.95
Cold Crushing Strength Mpa $\geq$		50
0.2Mpa Refractoriness Under Load T <sub>0.6</sub> °C		$\geq 1620$
Permanent Linear Change On Reheating ( % ) 1500°C X2h		0~+0.4
Thermal Shock Resistances 100°C water cycles		$\geq 18$