



## MAGNESIA ZIRCON BRICK

### **Specifications:**

- 1.alkali resistance
- 2.slag corrosion resistance
- 3.spalling resistance
- 4.high-temperature resistance

### **Descriptions:**

The product is composed of fused magnesia sand and zircon sand and it belongs to alkaline material. This product has high density (Bulk density) is greater than 3.08g/cm<sup>3</sup>).It also resists alkaline atmosphere erosion and alkaline slag erosion and widely used in glass furnace, regenerative chamber, cement kiln, steel-making electric furnace and non-ferrous metal metallurgy.

### **Application:**

Magnesia Zircon Brick is used for regenerator of glass furnace.



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**Physical and Chemical Index**

| Item   | TY-MZ8 |
|--|--------|
| MgO% $\geq$                                    | 80     |
| ZrO <sub>2</sub> % $\geq$                      | 8      |
| Apparent Porosity% $\leq$                      | 19     |
| Bulk Density (g/cm <sup>3</sup> ) $\geq$       | 3.95   |
| Cold Crushing Strength (MPa) $\geq$            | 50     |
| Refractoriness Under Load °C $\geq$            | 1600   |
| Thermal Shock Resistance(950-wind cold) $\geq$ | 10     |