



## **SYNTHETIC MAGNESIA FERRUM ALUMINA SPINEL BRICK**

Magnesia ferrum spinel brick and synthetic magnesia ferrum alumina spinel brick are made of high purified magnesia clinker and ferrum alumina spinel clinker at strictly controlled temperature and sintered atmosphere, which enables the product to have good flexibility and temperature vibration. The performances of attaching kiln wall and corrosion resistance are better good quality magnesia chrome brick. The product for lining of large dry cement rotary kilns.

### Physical and Chemical Index

Item	TY-MFA75	
Chemical Composition %	MgO $\geq$	82
	Al <sub>2</sub> O <sub>3</sub> $\leq$	4-7
	Fe <sub>2</sub> O <sub>3</sub>	5-8
Apparent Porosity %	17	
Cold Crushing Strength Mpa	45	
Refractoriness under load 0.2Mpa °C	1680	
Bulk Density g/cm <sup>3</sup>	2.98	
Thermal Shock Resistance (1100°C water cooling, times)	5	