

Silicon mullite andalusite brick



- $\text{Al}_2\text{O}_3 \geq 75\%$
- $\text{SiC} + \text{SiO}_2 \geq 30\%$
- Bulk density $\geq 2.65\text{g/cm}^3$
- Cold compressive strength $\geq 95\text{MPa}$

Application:

High temperature resistant, high strength, good heat insulation, strong thermal shock and erosion resistance. Low porosity, wear resistant, moderate density, environmentally friendly with no chromium ion pollution. Used in large scale dry process cement rotary kilns.

Technical Data:

Project	Index	
	Silica - Mullite - Red Brick	Special Silica - Mullite Brick
Al_2O_3 , %	75	75
$\text{SiC} + \text{SiO}_2$, % \geq	30	35
Bulk density, $\text{g/cm}^3 \geq$	2.65	2.68
Cold compressive strength, MPa \geq	95	100
Initial load - softening temperature at 0.2MPa, $^\circ\text{C} \geq$	1650	1650
Thermal shock stability (1100 $^\circ\text{C}$ - water - cooled), times (not less than)	15	20