

PRODUCT TYPE : High temperature insulation brick
 Rec.: Cement : BL Air Set, Sairset
 Main component :

Chemical analysis

Calcined basis, unit%

Al ₂ O ₃	SiO ₂	SiC	MgO	ZrO ₂	Cr ₂ O ₃	CaO	TiO ₂	Fe ₂ O ₃	P ₂ O ₅	Alkalies
38	56					0,3		1,8		

Physical properties

Bulk density			800							Kg/m ³
Apparent porosity										%
Cold crushing strength								4		MPa
Classification temperature								1380		°C
Volume stability, 1350 °C 12 hours								-0,7		%
Reversible thermal expansion			20-900		°C			0,4		%
Thermal conductivity			600	°C				0,32		W/m*K
			800			0,36				
			1000			0,41				
			1200			0,46				

Above data are typical of machine-made square bricks.
 Tests according to DIN-standards.

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