

Group

FIRECLAY BRICKS
Validity : since 14.03.2013

Quality

TRISAM ST40

CLASS	BASIC RAW MATERIAL
FIRECLAY BRICKS	SiO₂ - Al₂O₃

APPLICATION TEMPERATURE (°C)	1460
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CHEMICAL ANALYSIS (%)							
Al ₂ O ₃ T.A.	Fe ₂ O ₃ T.A.	SiO ₂	CaO	MgO	TiO ₂	Na ₂ O	K ₂ O
40,2	2,05	53,1	0,2	0,24	1,68	0,09	0,24

PHYSICAL PROPERTIES					
Refractoriness (SK) (min.) / T. A.	Cold crushing strength (MPa) (min.) / T. A.	Bulk density (g x cm ⁻³) T.A.	Apparent porosity (%) (max.) / T. A.	Refractoriness under load (°C) T. A.	PLC (1400°C/5h) (%) T.A.
33 / 33	40,0 / 47,9	2,19	18,0 / 16,1	1 410	0,3

* T. A. – Typical Average

Packing: according to customers wish

Dimension tolerances: dimension < 150 mm ± 2,0 mm
 dimension > 150 mm ± 1,5 %