

Product Type: Dense refractory mortar. Classification: Silicon Carbide. Type of bound: chemical / ceramic. As-delivered condition: dry mass

Packaging: 25 kg paper bag with separate phosphate binder.

Shelf life: 12 months under normal conditions

Processing method: Application with trowel

Amount required: 200 kg per 1000 standard bricks for a joint of 2 mm or 1,9 - 2,3 kg /dm³ (depending on installation density)

Addition of binder (50% solution): 12-13 litre / 100 kg dry mass, additionally.

Addition of water: 10-14 litre / 100 kg dry mass

Property	Value		Method
Typical Chemical Analysis	SiC	85,0 %	DIN 51076 DIN 51001
	Al ₂ O ₃	6,0 %	
	P ₂ O ₅	6,0 %	
	Na ₂ O+CaO	1,5 %	
Bulk Density	2,10 g/cm ³		DIN EN 1402-6
Cold Crushing Strength after drying at 110 °C after firing at 800 °C after firing at 1000 °C	35 MPa 72 MPa 126 MPa		DIN-ENV 1402-6
Thermal Conductivity at 400 - 1000 °C	3 – 6 W/mK		DIN EN 993-15
Maximum grain size	1,0 mm		EN 933-2 : 1996
Maximum service temperature	1250 °C		

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