



STEULER Refractory | Linings

REFRACTORY RAMMING MIXES

FOCUS ON PERFORMANCE

INNOVATION AND PERFORMANCE

The material is a ready-to-use product that is mechanically processed by means of an air hammer (1,200 blows/min.). Because these products are cement-free, they only achieve optimum strength at approx. 1,000°C (ceramic bond).

The production of components such as burner bricks, burner lances and shaped bricks are frequent applications. Due to the ready-to-use delivery the good modelling of the product, it can also be used to form masonry or even small repairs such as the closing of openings.

		PREMIX M 50 K	PREMIX M 80 K	PREMIX M 90 K
Chemical analysis				
Raw material base		Fireclay	Bauxite	Corundum
Al ₂ O ₃	[%]	49	74	90
SiO ₂	[%]	47	21	8
Fe ₂ O ₃	[%]	1,3	1,2	0,3
Physical properties				
Bulk density	[g/cm ³]	2,25	2,52	2,80
Apparent porosity	[vol. %]	21	23	22
Cold crushing strength	[MPa]	22	33	50
Permanent Linear Change at 1.400°C	[%]	-0,75	0,5	0,75
Grain size	[mm]	0-6	0-6	0-6
Maximum service temperature	[°C]	1550	1650	1800

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