



TECHNICAL DATA

PRC-70

PRODUCT TYPE	Dense Refractory Castable Regular Cement
Main component	Bauxite & Fireclay
Type of bond	hydraulic
Maximum service temperature	1500 C°
Installation method	casting - Vibrating
Storage	6 month
Packing	25 Kg sacks
grain size	0 - 5 mm
Water required for mixing on site	9 - 12 litres per 100 Kg of dry material

PRODUCT PROPERTIES	VALUES	UNITS
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CHEMICAL ANALYSIS
(Calcined basis)

	Min	Max	Units
Al ₂ O ₃	70		%
SiO ₂	21		%
Fe ₂ O ₃	2.5		%
CaO	5.5		%

PHYSICAL PROPERTIES

Bulk density	Min	Max	Units
	2.4		gr/cm ³

Cold crushing strength)

	Min	Max	Units
after 5 hr drying at 110 Ć	450		Kg/cm ²
after 5 hr firing at 1200 Ć	300		Kg/cm ²