



TECHNICAL DATA

PRC-55

PRODUCT TYPE	Dense Refractory Castable Regular Cement
Main component	fireclay
Type of bond	hydraulic
Maximum service temperature	1350 C°
Installation method	casting - Vibrating
Storage	6 month
Packing	25 Kg sacks
grain size	0 - 5 mm
Water required for mixing on site	13 - 15 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	55		%
SiO ₂	25		%
Fe ₂ O ₃	6		%
CaO	12		%

PHYSICAL PROPERTIES

Bulk density	Min	2	gr/cm ³
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Cold crushing strength (c.c.s)

after 5 hr drying at 110 C°	Min	350	Kg/cm ²
after 5 hr firing at 1200 C°	Min	200	Kg/cm ²