



TECHNICAL DATA

PRC-50LI

PRODUCT TYPE	Dense Refractory Castable Regular Cement
Main component	low iron fireclay
Type of bond	hydraulic
Maximum service temperature	1380 C°
Installation method	casting - Vibrating
Storage	6 month
Packing	25 Kg sacks
grain size	0 - 5 mm
Water required for mixing on site	12 - 14 litres per 100 Kg of dry material

PRODUCT PROPERTIES	VALUES	UNITS
--------------------	--------	-------

CHEMICAL ANALYSIS (Calcined basis)

	Min	Max	Units
Al ₂ O ₃	50		%
SiO ₂	25		%
Fe ₂ O ₃	2.5		%
CaO	10		%

PHYSICAL PROPERTIES

Bulk density	Min	2.2	gr/cm ³
--------------	-----	-----	--------------------

Cold crushing strength (c.c.s)

after 5 hr drying at 110 C°	Min	400	Kg/cm ²
after 5 hr firing at 1000 C°	Min	250	Kg/cm ²