



# PALAR-SANAT-CO

## TECHNICAL DATA

### PLC-50

PRODUCT TYPE	Dense Refractory Castable Low cement castable :
Main component	fireclay
Type of bond	hydraulic
Maximum service temperature	1400 C°
Installation method	casting - Vibrating
Storage	3 month
Packing	25 Kg sacks
grain size	0 - 6 mm
Water required for mixing on site	6 - 8 litres per 100 Kg of dry material

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

### CHEMICAL ANALYSIS ( Calcined basis)

	Min	Max	Units
Al <sub>2</sub> O <sub>3</sub>	50		%
SiO <sub>2</sub>	28		%
Fe <sub>2</sub> O <sub>3</sub>	3		%
CaO	3.5		%

### PHYSICAL PROPERTIES

Bulk density	Min	2.25	gr/cm <sup>3</sup>
--------------	-----	------	--------------------

### Cold crushing strength (c.c.s)

after 5 hr drying at 110 C°	Min	550	Kg/cm <sup>2</sup>
after 5 hr firing at 1200 C°	Min	600	Kg/cm <sup>2</sup>