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Ref-cast 1400 LC

Description

Ref-cast 1400LC is a high quality performance product characterised by a low amount of cement and a cement hydraulic chemical set.

Ref-cast 1400LC castable is suitable for general purposes, furnaces, boilers, power stations etc. This is a high strength refractory material specifically suitable for insulation, high temperature environments etc.

The rheological properties of the castable are well adapted for the vibration casting method.

Ref-cast 1600LCx castable is produced and tested with respect to quality and purity in a contamination free environment under certified quality management systems.

Specifications

Maximum Service Temperature :	1400°C	
Bulk Density (g/cm ³):	2.2	
Cold Crushing Strength (Mpa):	40	
Maximum Particle Size:	5mm	
Thermal Expansion (%) 20-1000°C:	0.60	
Thermal Conductivity (W/mK) 500°C:	0.8	

Application

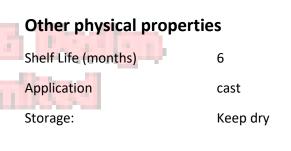
Ref-cast 1400LC is a low cement hydraulic/ chemical bonding material with a setting time ranging from 4-8 hours.

Chemical Composition

	wt%	
Al ₂ O ₃	41	
SiO ₂	43.8	
Fe ₂ O ₃	1.5	

Workability

Ref-cast 1400LC is characterized by a maximum particle size of 5mm diameter. A maximum water addition of 15 wt% would ensure plasticity retention, reduced bleeding, and reduced setting times.



<u>NB:</u> Best results are obtained when the product is installed correctly as per product data sheet specifications.