



Passary Minerals Ltd.
MINES . MINERAL . REFRACTORY

Low Cement Castable

DESCRIPTION	PAS LCM 45
Base Component	Calcined Mullite Grain
Physical Properties	
Refractoriness °C	32 1717
Maximum Service Temperature °C	1550
Dry Density (gm/cc) after drying at 110 °C	2.30
Cold Crushing Strength (Kg/cm ²) after drying at 110 °C/24 Hrs	700
at 800 °C/3 Hrs	800
at 1100 °C/3 Hr	900
P. L. C % (max) after heating at 1100 °C min	± 0.2
% Water Required for Casting	5.0 – 6.5
Maximum Grain Size (mm)	0 - 5
Chemical Analysis	
Al ₂ O ₃ (%) Min	45.00
Fe ₂ O ₃ (%) Max	1.2