



XERCON 45 LI

PRODUCT DATA SHEET

XERCON 45 is a regular cement, low iron castable for service temperatures up to 2800°F.

Recommended Service Temperature	2800°F
Water Required for Mixing (as a % of weight)	10 - 15 %
Material Required Per Cubic Foot	122 - 130 lbs.
Packaging	64 - 55lb bags /pallet 1,000+lb Super Sacks

TYPICAL CHEMICAL ANALYSIS

Al₂O₃	SiO₂	CaO	TiO₂	Fe₂O₃
42 - 46	41 - 45	8.1 - 8.5	1.5 - 1.9	0.9 - 1.2

TYPICAL PHYSICAL PROPERTIES

Test Temperature (°F)	Bulk Density (pcf)	C.C.S. (psi)	CMOR (psi)	Apparent Porosity (%)	Permanent Linear Change (%)
220	126 - 134	2500	800	11 - 15	-0.3 to 0.0
1500	124 - 131	2500	800	19 - 24	-0.3 to +0.1
2500	122 - 128	2000	500	19 - 24	-0.2 to -0.6

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