

Sparfire LC 32FF ALM

Sparfire LC 32FF ALM is a high strength, low-cement bonded refractory designed for installation by vibration casting, pumpcasting or shotcreting. This product is designed for an accelerated dry out schedule.

PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
Mix Water Required:	5.8 – 6.1% by weight
Bulk Density	
After Heating to 1500°F	148 - 154 lbs/cu.ft
Modulus of Rupture	
After Heating to 1500°F	1200 -1800 lbs/sq.in
Cold Crushing Strength	
After Heating to 1500°F	9000-14000 lbs/sq.in
Linear Change, %	
After Heating to 1500°F	-0.1 to -0.4
Erosion Resistance (ASTM C704)	
After Heating to 1500°F	Less than 12 cc loss (Typical Loss: 6 – 8 cc)
Typical Chemical Analysis, %	
Al ₂ O ₃	63.7
SiO ₂	26.4
CaO	2.2
Fe ₂ O ₃	0.8

Sparfire LC 32FF ALM is available in 55[#] bags and bulk bags palletized and shrink-wrapped.

NOTE: CASTABLE MUST BE STORED IN DRY PLACE.

Data shown are average results of standard ASTM tests unless otherwise noted. Results may vary subject to variations in manufacturing, testing, and installation procedures in the field.