

SPARFIRE 32G

SPARFIRE 32G is a high strength, low-cement bonded refractory designed for installation by dry gunite only. This product virtually eliminates the need for long (24 hour) curing time in the unit. Additionally, this product was designed for an accelerated dry out schedule.

PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
Water Required for Predampening:	1/2 to 1 qt/55 lb. bag
Bulk Density(lbs/cu ft) After Heating to 1500°F	157 - 165
Erosion Resistance (ASTM C704)	less than 13 cc (Typical 7 - 11)
Modulus of Rupture (lbs/sq.in.) After Heating to 1500°F	1200 - 1900
Cold Crushing Strength (lbs/sq.in.) After Heating to 1500°F	8000 - 11000
Linear Change, % After Heating to 1500°F	0.0 to -0.4
Typical Chemical Analysis, %	
Al ₂ O ₃	74.0
SiO ₂	20.8
CaO	1.0
TiO ₂	2.4
Fe ₂ O ₃	1.3
Alkalies	0.5

SPARFIRE 32G is available in 55[#] bags and bulk bags, palletized and shrink-wrapped.

NOTE: CASTABLES MUST BE STORED IN A 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.