

SPARFIRE 32-80 G PRODUCT INFORMATION

SPARFIRE 32-80 G is a 3200°F high strength, low cement gun mix that provides maximum abrasion resistance and excellent strengths. This product virtually eliminates the need for long (24 hour) curing time in the unit. Additionally, this product was designed for an accelerated dryout schedule. **SPARFIRE 32-80 G** can only be installed by gunning.

PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
Pre-damp Water Required:	½ to 1 qt./ 55# bag
Bulk Density: 1500°F	155 - 160 lbs/cu.ft
Modulus of Rupture After Heating to 1500°F	2000 -3000 lbs/sq.in
Cold Crushing Strength After Heating to 1500°F	12000-16000 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 9 (Typical Loss:5 -7 cc)
Typical Chemical Analysis, %	
Al ₂ O ₃	77.8
SiO ₂	16.3
CaO	1.8
TiO ₂	2.8
Fe ₂ O ₃	0.9
MgO	0.1
Alkalies	0.3

The above are average results and do not constitute a specification.

The above average results based on gunned samples with 6 hour minimum cure after gunning, and heated at a rate of 150°F/hour to 1500°F.

SPARFIRE 32-80 G is available in 55# bags, 1500#, 2000#, and 3000# bulk bags palletized and shrink-wrapped. **NOTE: CASTABLE MUST BE STORED IN DRY PLACE**