

## **SPARFIRE 65G**

**SPARFIRE 65G** is a high strength, very 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 dryout schedule.

### **PHYSICAL PROPERTIES**

Maximum Service Temperature	3100°F
Water Required for Predampening:	1/2 to 1 qt/50 lb. bag
Bulk Density(lbs/cu ft) After Heating to 1500°F	145
Erosion Resistance (ASTM C704)	less than 13 cc (Typical 8 - 10)
Modulus of Rupture (lbs/sq.in.) After Heating to 1500°F	1400 - 1900
Cold Crushing Strength (lbs/sq.in.) After Heating to 1500°F	8000 - 11500
Linear Change, % After Heating to 1500°F	-0.2 to -0.4
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	62.9
SiO <sub>2</sub>	28.1
CaO	0.9
TiO <sub>2</sub>	1.8
Fe <sub>2</sub> O <sub>3</sub>	1.0
Alkalies	0.3

**SPARFIRE 65G** is available in 50# bags, 100# bags, 1500#, 2000#, and 3000# 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.