

## SPARCON 32BGS

**SPARCON 32BGS** is a high strength, low-cement bonded refractory designed for dry gunning only.

### PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
Dry Castable Requirement	155 - 160 lbs./cu.ft.
Water Required for Predampening	½ - 1½ quarts per 100 lbs.
Erosion Resistance (ASTM C704)	Less than 10 cc loss (Typical: 6 - 8 cc loss)
Modulus of Rupture	
After Heating to 1500°F	1600-2000 lbs/sq.in.
After Heating to 2910°F	1400-1800 lbs/sq.in
Cold Crushing Strength	
After Heating to 1500°F	9000-12000 lbs/sq.in.
After Heating to 2910°F	9000-12000 lbs/sq.in
Linear Change, %	
After Heating to 1500°F	-0.1 to -0.4
After Heating to 2910°F	+0.5 to +1.1
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	83.3
SiO <sub>2</sub>	10.4
CaO	1.2
TiO <sub>2</sub>	2.6
Fe <sub>2</sub> O <sub>3</sub>	1.2
MgO	0.2
Alkalies	0.5

**SPARCON 32BGS** 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.