

## **SPARCON 32GM**

**SPARCON 32GM** is a 70% alumina, high strength, low-cement bonded refractory designed for dry gunning only. Is a true low cement product and is very resistant to mechanical abuse and chemical attack. It is used in the power generation, incineration, cement, lime, heat treating, and other industries.

### **PHYSICAL PROPERTIES**

Maximum Service Temperature	3200°F
Bulk Density	155 lbs./cu.ft.
Water Required for Predampening	¾ - 1¾ quarts per 100 lbs.
Modulus of Rupture After Heating to 1500°F	1700-2300 lbs/sq.in
<b>Cold Crushing Strength</b> After Heating to 1500°F	9500-14000 lbs/sq.in
Linear Change, % After Heating to 1500°F	-0.1 to - 0.4
Erosion Resistance (ASTM C704)	Less than 10 cc loss (Typical: 6 - 8 cc loss)
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	69.2
SiO <sub>2</sub>	25.4
CaO	1.8
TiO <sub>2</sub>	2.0
Fe <sub>2</sub> O <sub>3</sub>	1.0
MgO	0.1
Alkalies	0.3

**SPARCON 32GM** is available in 55# 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.