

## SPARCON FS10 G

**SPARCON FS10 G** is an alumina-silica, low-cement castable with a 10% addition of fused silica. It is designed for dry gunning only. It can be used in a wide variety of applications..

### PHYSICAL PROPERTIES

Maximum Service Temperature (cyclic conditions)	2000°F
(steady conditions)	2800°F
Dry Castable Requirement	137 - 142 lbs./cu.ft.
Modulus of Rupture	
After Heating to 1500°F	800 - 1100 lbs/sq.in
Cold Crushing Strength	
After Heating to 1500°F	8500 - 12000 lbs/sq.in
Linear Change, %	
After Heating to 1500°F	0.0 to -0.3
Erosion Resistance (ASTM C704)	
After Heating to 1500°F	less than 13 cc loss (Typical: 9 - 11 cc loss)
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	44.1
SiO <sub>2</sub>	51.7
CaO	2.1
TiO <sub>2</sub>	1.1
Fe <sub>2</sub> O <sub>3</sub>	0.8
MgO	0.1
Alkalies	0.2

**SPARCON FS10 G** is available in 50# bags, 100# bags, 1500#, 2000# and 3000# bulk bags palletized and shrink-wrapped.

**NOTE: CASTABLE MUST BE STORED IN 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