

## SPARCON FS60 P

**SPARCON FS60 P** is a 60% fused silica, low-cement castable designed to be installed by vibration casting, pumpcasting and shotcreting. It can be used in a wide variety of applications where severe thermal cycling is a problem.

### PHYSICAL PROPERTIES

Maximum Service Temperature	
Steady Temperature Conditions	2000°F
Cyclic Temperature Conditions	2750°F
Dry Castable Requirement	126 - 133 lbs./cu.ft.
Typical Water Required:	5.75 – 6.25%
Apparent Porosity	15%
Modulus of Rupture	
After Heating to 1500°F	1400 -1900 lbs/sq.in
Cold Crushing Strength	
After Heating to 1500°F	9500-14000 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 12 cc loss (Typical: 7 - 9 cc loss)
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	18.3
SiO <sub>2</sub>	79.6
CaO	1.4
TiO <sub>2</sub>	0.3
Fe <sub>2</sub> O <sub>3</sub>	0.3
MgO	0.0
Alkalies	0.1

**SPARCON FS60 P** is available in 70# bags and 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.