

**SPARCON FS60P AL**

**SPARCON FS60P AL** 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	2000°F
Dry Castable Requirement	126 - 133 lbs./cu.ft.
Typical Water Required:	5.75 – 6.25%
Apparaent Porosity	15%
Modulus of Rupture After Heating to 1500°F	1000 -1600 lbs/sq.in
Cold Crushing Strength After Heating to 1500°F	8500-13000 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 14 cc loss (Typical: 7 - 10 cc loss)
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	18.3
SiO <sub>2</sub>	79.6
TiO <sub>2</sub>	0.3
Fe <sub>2</sub> O <sub>3</sub>	0.3

**SPARCON FS60P AL** is available in 55<sup>#</sup> 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.