

## SPARCON 94FF

**SPARCON 94FF** is a high alumina, low-cement, free flow castable. It is designed to give maximum ease of installation. **SPARCON 94FF** may be cast, pumpcast or shotcreted. It offers excellent resistance to abrasion and chemical attack.

### PHYSICAL PROPERTIES

Maximum Service Temperature	3400°F
Dry Castable Requirement	181 – 186 lbs./cu.ft.
Erosion Resistance (ASTM C704)	Less than 9 cc loss. (Typical: 4½ - 7 cc loss)
Modulus of Rupture After Heating to 1500°F	2500 - 3300 lbs/sq.in..
Cold Crushing Strength After Heating to 1500°F	12000 - 16000 lbs/sq.in..
Linear Change, % After Heating to 1500°F	-0.1 to -0.4
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	93.3
SiO <sub>2</sub>	4.9
CaO	1.5
Fe <sub>2</sub> O <sub>3</sub>	0.1
Alkalies	0.2

**SPARCON 94FF** is available in 50# bags, 100# bags, 1500# 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.