

SPARCON FS60HP

SPARCON FS60HP is a 60% fused silica, low-cement castable designed to be installed by hand packing or pneumatic ramming **ONLY**. 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	2800°F
Dry Castable Requirement	125 - 133 lbs./cu.ft.
Typical Water Required:	5.00 – 6.00%
Modulus of Rupture	
After Heating to 1500°F	800 -1200 lbs/sq.in
Cold Crushing Strength	
After Heating to 1500°F	6500-10000 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 15 cc loss
Typical Chemical Analysis, %	
Al ₂ O ₃	18.3
SiO ₂	79.6
CaO	1.4
TiO ₂	0.3
Fe ₂ O ₃	0.3
MgO	0.0
Alkalies	0.1

SPARCON FS60HP 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.