

SPARCON FS 60G

SPARCON FS 60G is a fused silica, low-cement bonded refractory designed for installation by dry gunning ONLY. It can be used in a wide variety of applications where severe thermal cycling is a problem.

PHYSICAL PROPERTIES

Maximum Service Temperature (cyclic conditions)	2000°F
Bulk Density(lbs/cu ft) After Heating to 1500°F	127 – 132 pcf
Erosion Resistance (ASTM C704)	Less than 14 cc loss (9 – 12 cc typical)
Modulus of Rupture (lbs/sq.in.) After Heating to 1500°F	900 - 1400
Cold Crushing Strength (lbs/sq.in.) After Heating to 1500°F	7000 - 11000
Linear Change, % After Heating to 1500°F	0.0 to -0.4
Typical Chemical Analysis, %	
Al ₂ O ₃	18.4
SiO ₂	78.5
CaO	1.4
ZrO ₂	0.8
Fe ₂ O ₃	0.3
MgO	0.3
Alkalies	0.3

SPARCON FS 60G is available in 50# bags, 1500#, 2000#, 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.