

SPARCON SC 20P

SPARCON SC 20P is a high strength, low-cement bonded refractory designed for installation by vibration casting, pumpcasting or shotcreting. **SPARCON SC 20P** is designed to be installed with substantially lower vibration and greater ease than standard low cement castables.

PHYSICAL PROPERTIES

Maximum Service Temperature (reducing atmosphere)	3100°F
Dry Castable Requirement	176 -183 lbs./cu.ft.
Erosion Resistance (ASTM C704)	Less than 10 cc loss. (Typical: 6 – 8 cc loss)
Modulus of Rupture	
After Heating to 1500°F	1700-2100 lbs/sq.in.
After Heating to 2500°F	1800-2200 lbs/sq.in.
Cold Crushing Strength	
After Heating to 1500°F	10000-14000 lbs/sq.in.
After Heating to 2500°F	10000-14000 lbs/sq.in.
Linear Change, %	
After Heating to 1500°F	0.0 to -0.4
After Heating to 2500°F	+0.1 to -0.3
Typical Chemical Analysis, %	
Al ₂ O ₃	69.6
SiO ₂	6.1
CaO	1.4
TiO ₂	1.3
Fe ₂ O ₃	0.3
MgO	0.2
SiC	20.5
Alkalies	0.3

SPARCON SC 20P is available in 50# bags, 100# 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.