

SPARCON 28P

SPARCON 28P is a high strength, low-cement bonded refractory designed for installation by vibration casting, pumpcasting or shotcreting. **SPARCON 28P** is designed to be more user friendly. It is installed with substantially lower vibration and greater ease than standard low cement castables.

PHYSICAL PROPERTIES

Maximum Service Temperature	2800°F
Dry Castable Requirement	145 -150 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	1900-2400 lbs/sq.in.
After Heating to 2500°F	2300-2700 lbs/sq.in.
Cold Crushing Strength	
After Heating to 1500°F	12000-16000 lbs/sq.in.
After Heating to 2500°F	12000-16000 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	46.2
SiO ₂	49.7
CaO	1.4
TiO ₂	1.5
Fe ₂ O ₃	0.9
MgO	0.1
Alkalies	0.2

SPARCON 28P is available in 55[#] bags and 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.