

SPARCON 30P

SPARCON 30P is a high strength, low-cement bonded refractory designed for installation by vibration casting, pumpcasting or shotcreting. **SPARCON 30P** 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		3000°F
Dry Castable Requirement		145 -150 lbs./cu.ft.
Water Requirement	<u>vibratable consistency</u> 5.25 – 5.75%	<u>pumpable consistency</u> 5.75 – 6.33%
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		50.8
SiO ₂		45.2
CaO		1.4
TiO ₂		1.5
Fe ₂ O ₃		0.8
MgO		0.1
Alkalies		0.2

SPARCON 30P is available in 50[#] 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.