

SPARCON 28G

SPARCON 28G is a high strength, low-cement bonded refractory designed for dry gunning only.

PHYSICAL PROPERTIES

Maximum Service Temperature	2800°F
Bulk Density	130 – 140 lbs./cu.ft.
Water Required for Predampening	¾ - 1¾ quarts per 100 lbs.
Modulus of Rupture	
After Drying to 230°F	750-1250 lbs/sq.in.
After Heating to 1500°F	1000-1500 lbs/sq.in.
Cold Crushing Strength	
After Drying to 230°F	3500-7000 lbs/sq.in.
After Heating to 1500°F	6500-12000 lbs/sq.in.
Linear Change, %	
After Drying to 230°F	-0.1 to -0.3
After Heating to 1500°F	-0.1 to -0.4
Erosion Resistance (ASTM C704)	Less than 14 cc loss (Typical: 9 – 12 cc loss)
Typical Chemical Analysis, %	
Al ₂ O ₃	50.8
SiO ₂	44.6
CaO	2.0
TiO ₂	1.4
Fe ₂ O ₃	0.8
MgO	0.1
Alkalies	0.3

SPARCON 28G is available in 55# 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.