

NO CEMENT SPECIALTIES

PRODUCT DATA

SPARCAST N 32-80 G

SPARCAST NC 32-80G is a high purity, bauxite based, no cement gunning refractory that uses a liquid colloidal silica binder in lieu of water. This product achieves superior adherence to surfaces along with rapid dry-out. Excellent thermal cycling properties and good volume stability are achieved using this bonding system. **SPARCAST NC 32-80 G** offers user friendly installation and excellent service life when used to reline worn refractory surfaces.

PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
Dry Castable Requirement	160-165 lbs./cu.ft.
Liquid Binder Required: for gunning	8 - 10 % by weight
Cold Crushing Strength	
After Heating to 1500°F	9000-12000 lbs/sq.in
Modulus of Rupture	1300-2000 lbs/sq.in
After Heating to 1500°F	
Linear Change, %	
After Heating to 1500°F	0.0 to -0.3
Typical Chemical Analysis, %	
Al ₂ O ₃	76.0
SiO ₂	17.5
CaO	0.1
TiO ₂	2.5
Fe ₂ O ₃	1.2
MgO	2.1
Alkalies	0.6

SPARCAST NC 32-80 G is available in 55# bags, or various sized bulk bags, palletized and shrink-wrapped.

NOTE: CASTABLE MUST BE STORED IN 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.