

SPARBOND NC 55 AR-G

SPARBOND NC 55 AR-G is a high purity, mullite 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. **SPARBOND NC 55 AR-G** offers user friendly installation and excellent service life when used to reline worn refractory surfaces.

PHYSICAL PROPERTIES

Maximum Service Temperature	2800°F
Dry Castable Requirement	130-135 lbs./cu.ft.
Liquid Binder Required: for gunning	10-14 % by weight
Cold Crushing Strength After Heating to 1500°F	4000 – 6000 lbs/sq.in
Linear Change, % After Heating to 1500°F	0.0 to -0.3
Typical Chemical Analysis, %	
Al ₂ O ₃	48.5
SiO ₂	46.9
CaO	0.1
TiO ₂	1.4
Fe ₂ O ₃	0.9
MgO	2.0
Alkalies	0.2

SPARBOND NC 55 AR-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.