

SPARBOND 80G PRODUCT INFORMATION

SPARBOND 80G is a high strength, low-cement bonded refractory gun mix designed especially for bonding to existing materials. This product contains a unique, proprietary binding system that adheres to existing refractory while maintaining the ease of installation and superior properties of a standard low cement gun mix. **THIS PRODUCT IS FOR COLD GUNNING APPLICATIONS ONLY.**

PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
Pre-damp Water Required:	½ to 1 qt/ 50# bag
Bulk Density: 1500°F	155 - 160 lbs/cu.ft
Modulus of Rupture After Heating to 1500°F	2000 -3000 lbs/sq.in
Cold Crushing Strength After Heating to 1500°F	13000-18000 lbs/sq.in
Linear Change, % After Heating to 1500°F	-0.1 to -0.4
Erosion Resistance (ASTM C704) After Heating to 1700°F	4 to 7cc (Typical Loss: 4 - 6 cc)
Typical Chemical Analysis, %	
Al ₂ O ₃	80.2
SiO ₂	13.1
CaO	1.8
TiO ₂	2.8
Fe ₂ O ₃	0.9
MgO	0.1
Other	1.0

The above are average results and do not constitute a specification.

The above average results based on gunned samples.

SPARBOND 80G is available in 50# bags, 1500#, 2000#, and 3000# bulk bags palletized and shrink-wrapped. **NOTE: CASTABLE MUST BE STORED IN DRY PLACE**