

SPARBOND 50G

SPARBOND 50G is a 50% Alumina high strength, low-cement bonded refractory 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	3000°F
Bulk Density	134 - 140 lbs./cu.ft.
Water Required for Predampening	¾ - 1¾ quarts per 100 lbs.
Modulus of Rupture After Heating to 1500°F	1200-1500 lbs/sq.in
Cold Crushing Strength After Heating to 1500°F	7500-10000 lbs/sq.in
Linear Change, % After Heating to 1500°F	0.0 to -0.4
Erosion Resistance (ASTM C704)	Less than 12 cc loss
Typical Chemical Analysis, %	
Al ₂ O ₃	48.8
SiO ₂	45.9
CaO	2.0
TiO ₂	1.2
Fe ₂ O ₃	0.9
MgO	0.1
Other	1.0

SPARBOND 50G is available in 50# or 55# bags, and 1500# or 2000# 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.