

SPARBOND 60

SPARBOND 60 is a 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.

PHYSICAL PROPERTIES

Maximum Service Temperature	3100°F
Bulk Density	140 – 145 lbs./cu.ft.
Water Required for Predampening	$\frac{3}{4}$ - $1\frac{3}{4}$ quarts per 100 lbs.
Modulus of Rupture	
After Drying to 230°F	900-1350 lbs/sq.in.
After Heating to 2500°F	1250-1500 lbs/sq.in
After Heating to 2910°F	1400-1850 lbs/sq.in
Cold Crushing Strength	
After Drying to 230°F	6000-8000 lbs/sq.in.
After Heating to 2500°F	7000-8500 lbs/sq.in
After Heating to 2910°F	9000-10000 lbs/sq.in
Linear Change, %	
After Drying to 230°F	0.0 to -0.4
After Heating to 1500°F	0.0 to -0.4
After Heating to 2250°F	0.0 to -0.4
Erosion Resistance (ASTM C704)	Less than 12 cc loss
Typical Chemical Analysis, %	
Al ₂ O ₃	60.7
SiO ₂	33.8
CaO	1.7
TiO ₂	1.9
Fe ₂ O ₃	1.2
MgO	0.4
Alkalies	0.3

SPARBOND 60 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.