

## SPARSHOT 30 G

**SPARSHOT 30 G** is a general purpose gunning castable made with calcined fire clay and a hydraulic setting binder.

### PHYSICAL PROPERTIES

Maximum Service Temperature	3000°F
Dry Castable Requirement	117 - 123 lbs./cu.ft.
Approximate Water for Predampening	0.5 to 1.5 qts / 55 lbs.
Bulk Density after 230°F	125 - 131 lbs./cu.ft
Modulus of Rupture	
After Drying at 230°F	200-500 lbs/sq.in.
After Heating to 1500°F	200-500 lbs/sq.in
After Heating to 2250°F	250-800 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	1000-4000 lbs/sq.in.
After Heating to 1500°F	1000-4000 lbs/sq.in
After Heating to 2250°F	1100-4500 lbs/sq.in
Linear Change, %	
After Drying at 230°F	0.0 to -0.5
After Heating to 1500°F	0.0 to -0.5
After Heating to 2250°F	0.0 to -0.5
Typical Chemical Analysis, %	
Al <sub>2</sub> O <sub>3</sub>	47.4
SiO <sub>2</sub>	43.4
CaO	5.8
TiO <sub>2</sub>	1.9
Fe <sub>2</sub> O <sub>3</sub>	1.1
MgO	0.2
Alkalies	0.2

**SPARSHOT 30 G** is available in 55<sup>#</sup> bags and various size 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.