

GENERAL DUTY SPECIALTIES

PRODUCT DATA

SPARCAST 25G AL

SPARCAST 25G is a general purpose gunning castable formulated with a select calcined fireclay grain and a hydraulic setting binder.

PHYSICAL PROPERTIES

Maximum Service Temperature	2500°F
Bulk Density after 230°F	120 lbs./cu.ft
Modulus of Rupture	
After Drying at 230°F	600-900 lbs/sq.in.
After Heating to 1500°F	300-450 lbs/sq.in
After Heating to 2250°F	600-900 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	3000-4500 lbs/sq.in.
After Heating to 1500°F	1600-2400 lbs/sq.in
After Heating to 2250°F	1300-1900 lbs/sq.in
Linear Change, %	
After Drying at 230°F	0.0 to -0.1
After Heating to 1500°F	0.0 to -0.2
After Heating to 2250°F	0.2 to -0.3
Typical Chemical Analysis, %	
Al ₂ O ₃	46.2
SiO ₂	43.5
CaO	7.2
Fe ₂ O ₃	1.7
TiO ₂	1.3
Alkalies	0.1

SPARCAST 25 G is available in 50# bags, 100# bags or 1000#, 2000#, and 3000# mini-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.