

SPARCAST LC 32-15

SPARCAST LC 32-15 is a high purity, low moisture, low cement castable designed to be installed using vibration.

PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
Dry Castable Requirement	155 - 170 lbs./cu.ft.
Mix Water Required: Vibrating	4.0 - 5.5
Bulk Density after 230°F	158 - 175 lbs./cu.ft
Modulus of Rupture	
After Drying at 230°F	1400-2400 lbs/sq.in.
After Heating to 1500°F	1400-2600 lbs/sq.in
After Heating to 2250°F	1500-2800 lbs/sq.in
Cold Crushing Strength	
After Drying at 230°F	9000-15000 lbs/sq.in.
After Heating to 1500°F	9000-16000 lbs/sq.in.
After Heating to 2250°F	10000-16000 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 ₂ O ₃	61.1
SiO ₂	23.5
SiC	11.2
CaO	1.1
TiO ₂	1.9
Fe ₂ O ₃	0.9
MgO	0.1
Alkalies	0.2

SPARCAST LC 32-15 is available in 55[#] bags and various sized 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.