

## SPARCAST LC 30-15

**SPARCAST LC 30-15** is a high purity, low moisture, low cement castable designed to be installed using vibration.

### PHYSICAL PROPERTIES

Maximum Service Temperature	3000°F
Dry Castable Requirement	152 - 160 lbs./cu.ft.
Mix Water Required: Vibrating	4.0 - 5.5
Bulk Density after 230°F	155 - 166 lbs./cu.ft.
Modulus of Rupture	
After Drying at 230°F	1300-2200 lbs/sq.in.
After Heating to 1500°F	1300-2500 lbs/sq.in.
After Heating to 2250°F	1400-2700 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 <sub>2</sub> O <sub>3</sub>	54.0
SiO <sub>2</sub>	30.9
SiC	11.3
CaO	1.1
TiO <sub>2</sub>	1.6
Fe <sub>2</sub> O <sub>3</sub>	0.8
MgO	0.1
Alkalies	0.2

**SPARCAST LC 30-15** is available in 55<sup>#</sup> 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.