

SPARFIRE 26 LI

SPARFIRE 26 LI is a low iron general duty castable designed for power plant ash hopper applications, stacks, or other areas where high strength to medium insulating values are required. **SPARFIRE 26 LI** is an excellent gunite material having very low rebound. **SPARFIRE 26 LI** can also be applied by casting or plastering. Additionally, this product was designed for an accelerated dry out schedule.

PHYSICAL PROPERTIES

Maximum Service Temperature	2600°F	
Water Required for Casting (less for plastering)	3.5 to 4 qts. / 50 lb. bag	
Water Required for Predampening:	1 to 1.5 qts. / 50 lb. bag	
Bulk Density, lbs/ft ³	<u>Cast</u>	<u>Gunite</u>
	115 - 118	118 - 124
Cold Crushing Strength, psi After Heating to 1500°F	3000 - 6000	3000 - 7000
	Modulus of Rupture, psi After Heating to 1500°F	400 - 800
Linear Change, % After Heating to 1500°F	-0.0 to -0.4	-0.0 to -0.4

Thermal Conductivity:

<u>Mean Temp:</u>	<u>BTU/ft²/Hr/°F/in</u>
500°F	4.50
1000°F	5.00
1500°F	5.25

Typical Chemical Analysis, %

Al ₂ O ₃	40.8
SiO ₂	44.2
CaO	11.8
TiO ₂	1.6
Fe ₂ O ₃	1.0
MgO	0.2
Alkalies	0.4

The above are average results and do not constitute a specification.

SPARFIRE 26 LI is available in standard bags and 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.