



RENO REFRACTORIES, INC

RENO GUN 60 SIC LC

TECHNICAL DATA SHEET

**RENO GUN 60 SIC LC** is a gunning castable containing a high percentage of silicon carbide and an effective oxidation inhibitor.

**RENO GUN 60 SIC LC** has high strength, abrasion resistance, and mineralogy which makes it ideal for lime and cement kilns, cupola melt zones, boilers and power plants.

**SERVICE TEMPERATURE:** 3000°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 153 lbs./cu. ft.  
**WATER REQUIRED:** Add at Nozzle

**TYPICAL CHEMICAL ANALYSIS** (Reducing Conditions)

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	MgO	CaO	SiC
29	8	<0.5	<0.1	2.5 – 3.0	60

**TYPICAL PHYSICAL PROPERTIES** (Reducing conditions above 250°F)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	600 – 1,100	2,500 – 3,600	-0.1
1500	700 – 1,000	2,500 – 3,300	-0.4
2000	825 – 1,320	3,000 – 4,500	-0.3
2500	1,400 – 2,100	5,000 – 6,600	Nil

**PACKAGING:** 55 lb. Bags, 72 per Pallet (3,960 lbs.)

128500 – 10/24/14

The data presented represents typical average results obtained by testing under ASTM or other acceptable procedures as required. They are subject to normal variations and should not be used for specification purposes.

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