



RENO REFRACTORIES, INC

RENO CAST SF 60 FINE

TECHNICAL DATA SHEET

RENO CAST SF 60 FINE is a Mullite and alumina, high strength, self flowing castable that can be used as a **grout** material to seal cracks in refractory surfaces.

RENO CAST SF 60 Fine can be installed without vibration. Mix for 8-9 minutes to achieve the lowest water percentage for a desired flow.

SERVICE TEMPERATURE:	3000°F
MATERIAL REQUIRED FOR ESTIMATING:	150 lbs./cu. ft.
CASTING WATER (self flow):	9-11%
CASTING WATER (vibration):	7-9%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	MgO	CaO	Alkalies	Other
61	33	0.7	1.5	0.1	2 – 3	0.2	Nil

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	--	3,554	--
1500	1,990	12,050	0.3
2500	3,100	12,096	0.1

PACKAGING: 55 lb. Bags, 72 per Pallet (3960 lbs.)

147200 – 7/1/08

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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