



RENO REFRACTORIES, INC

RENO FLOOR CAST

TECHNICAL DATA SHEET

RENO FLOOR CAST is an inexpensive, easy to use, conventional castable. It was developed as a floor material on cast house floors, around iron cupolas and other areas of hot metal spillage. Hot Floor Cast will resist variances in pH from 3.5 to 10.

RENO FLOOR CAST can also be used in wet ash hoppers and for precast shapes where the application allows.

SERVICE TEMPERATURE: 2200°F
MATERIAL REQUIRED FOR ESTIMATING: 120 lbs./cu. ft.
CASTING WATER: 14 - 17%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂
28 – 32	42.5 – 45.5

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
Green	866	4,000	-
250	1,025	5,300	Nil
1500	175	1,250	-0.2
2000	350	625	-0.5

PACKAGING: 55 lb. Bags, 72 per Pallet (3,960 lbs.)
2000 lb Bags, 2 per Pallet (4,000 lbs.)

101300 – 5/28/12

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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