



RENO REFRACTORIES, INC

REFCAST HOT FLOOR

TECHNICAL DATA SHEET

REFCAST HOT FLOOR is an inexpensive, easy to use, conventional castable. It was developed as a floor, stack or hopper material to resist chemicals and metal spills. Hot Floor will resist variances in pH from 3.5 to 10.

REFCAST HOT FLOOR is also deal for precast shapes where the application allows.

SERVICE TEMPERATURE:	2300°F*
MATERIAL REQUIRED FOR ESTIMATING:	130 lbs./cu. ft.
CASTING WATER:	~12.0%
PUMPING WATER:	~12.5%

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>	Cao
36	41	1.4	16.1

TYPICAL PHYSICAL PROPERTIES (7 day cure)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
Green	866	5,082	-
250	1,025	6,300	Nil
1500	575	3,250	-0.5

**PACKAGING:** 55 lb. Bags, 72 per Pallet (3960 lbs.)  
1000 lb. Bags, 2 per Pallet (2000 lbs.)

\*(Continuous service)

101807 - 4/8/15

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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