



RENO REFRACTORIES, INC

RENO FLOOR CAST AL

TECHNICAL DATA SHEET

RENO FLOOR CAST AL is a super duty class, non-wetting, 2600°F low iron, general purpose castable. Applications include subflooring for aluminum melting furnace and areas around furnaces. Can be installed by pumping or casting

SERVICE TEMPERATURE: 2600°F
MATERIAL REQUIRED FOR ESTIMATING: 130 lbs./cu. ft.
CASTING WATER: 10-14%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
48.4	40.6	0.6	1.9	0.1	6.4	0.1	2.1

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1,070	4,800	Nil
1500	725	3,300	-0.5
2000	980	4,300	-0.5

PACKAGING: 50 lb. Bags, 80 per Pallet (4,000 lbs.)
1000 lb. Bags, 2 per Pallet (2,000 lbs.)
2000 lb. Bags, 2 per Pallet (4,000 lbs.)

101375 – 12/05/12

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.

Reno Refractories, PO Box 201, Morris, Alabama 35116
205.647.0240 | Toll Free 1.800.741.7366