



RENO REFRACTORIES, INC

RENO CAST 25 COARSE

TECHNICAL DATA SHEET

RENO CAST 25 COARSE is a coarse grained, low iron, dense, strong, easy to use, general purpose, conventional castable. It has good to moderate abrasion and can be used in applications such as rotary kilns, feed chutes, ash hoppers, furnace subhearth, kiln cars and in precast shapes for super duty applications.

RENO CAST 25 COARSE is an excellent choice for use in floors around hot-metal furnaces.

SERVICE TEMPERATURE: 2500°F
MATERIAL REQUIRED FOR ESTIMATING: 123 lbs./cu. ft.
CASTING WATER: 11-13%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
46 – 48	40 – 42	0.4	1.8	0.1	6.8	0.1	2.5

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	900 – 1,000	4,800 – 5,800	Nil
1500	500 – 600	3,700 – 4,500	Nil

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

106000 - 10/20/08

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.

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