



TECHNICAL DATA SHEET

RENO CAST 25 CTG is a medium weight, versatile conventional castable. It is a more plastic material than most refractory castables. It is an excellent plastering material, preferred for patching linings and baffles.

RENO CAST 25 CTG can be used as a gunite and troweling material as well as a castable. Applications include boiler ash hoppers, around water-cooled boiler tubes, burner blocks, and kiln cars.

SERVICE TEMPERATURE: 2500°F
 MATERIAL REQUIRED FOR ESTIMATING: 110 lbs/cf Cast
 123 lbs/cf Gunned
 CASTING WATER: 26-35%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
44	41	0.9	1.8	0.2	11	0.1	0.2

TYPICAL PHYSICAL PROPERTIES (gunned)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %	"K" Factor BTU/in/hr/ft ² /°F
250	730	3,200	Nil	4.50
1500	475	2,275	-0.4	5.26

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

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