



# TECHNICAL DATA

## RENO REFRACTORIES

## RENO CAST 25

**RENO CAST 25** is a dense, strong, easy to work with, general purpose, conventional castable. It has good abrasion to moderate abrasion and can be used to precast special shapes for super duty applications.

**SERVICE TEMPERATURE:** 2500°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 128 lbs./cu. ft.  
**CASTING WATER:** 12-15%

### 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>	TiO <sub>2</sub>	MgO	CaO	Alkalies	Other
48	40	0.6	1.9	0.3	6-7	0.1	0.2

### TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1258	5,870	Nil
1500	700	4,100	Nil
2000	780	4,900	-0.1
2500	1100	5,500	0.2

**PACKAGING:** 55 lb. Bags, 72 per Pallet

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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.