



TECHNICAL DATA SHEET

RENO GUN 28 is a general purpose gunning castable for applications up to 2800°F. Designed exclusively for pneumatic placement, rebound and dusting are low. This mix can be used as the initial lining or to patch existing linings.

SERVICE TEMPERATURE: 2800°F
MATERIAL REQUIRED FOR ESTIMATING: 125 lbs./cu. ft.
WATER REQUIRED: Add at Nozzle

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
48 – 50	40 – 41	1.1	1.6	0.1	5 – 6	0.2	1 - 2

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %	Thermal Conductivity
350	470 – 600	2,550 – 4,200	Nil	5.9
1500	300 - 400	2,000 – 3,375	-0.1	6.5
2000	275 - 325	1,250 – 2,170	0.0	6.7
2500	515 – 740	2,400 – 2,900	+0.5	6.9
2700	1,250 – 1,360	7,100 – 7,900	0.11	7.1

Coefficient of Thermal Expansion: 3.37×10^{-6}

HOT MOR (ASTM C583) @2500F: 177 psi

PACKAGING: 55 lb. Bags, 72 per Pallet (3960 lbs.)
2000 lb. Bags, 2 per Pallet (4000 lbs.)

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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.