



TECHNICAL DATA SHEET

RENO GUN 2850 is a high density, low iron, general purpose gunning castable for applications up to 2850°F. Designed exclusively for pneumatic placement, its rebound is exceptionally low. This mix can be used as the initial lining or to patch existing linings.

SERVICE TEMPERATURE: 2850°F
MATERIAL REQUIRED FOR ESTIMATING: 135 lbs./cu. ft.
WATER REQUIRED: Add at Nozzle

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	MgO	CaO
48 – 50	40 – 43	<1.0	0.1	5.5 – 6.3

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1,900 – 2,150	7,200 – 8,550	Nil
1500	1,200 – 1,450	4,900 – 5,900	-0.4
2500	1,500 – 1,850	5,900 – 7,400	+0.4

ABRASION RESISTANCE After 1500°F: <13cc

PACKAGING: 55 lb. Bags, 72 per Pallet (3960 lbs.)
55 lb. Bags, 64 per Pallet (3520 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.