



TECHNICAL DATA SHEET

RENO NC GUN 60 is a high alumina no cement refractory designed to be installed by gunning. Quick installation, dry-out, high hot strength, high thermal shock and cycling resistance are features unique to Reno Refractories' No Cement products.

RENO NC GUN 60 is recommended for use in cement kiln pre-heaters, riser ducts, bull noses and cooler walls. Also it can be used in iron cupolas, ladles and for topping and patching induction furnaces. Binder is pumped under pressure to the nozzle.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 155 lbs./cu. ft.
BINDER ADDITION AT THE NOZZLE): Adjust at Nozzle

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂
57 – 60	39 – 43	<1	<2

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
1000	---	7,000	Nil
1500	1,840	7,000	0.0
2500	2,750	10,200	-0.1

Abrasion loss after 1000°F: <10.4 cc
Abrasion loss after 1500°F: <10.7 cc
Abrasion loss after 2500°F: <5 cc

HOT MOR (ASTM C583)@2500F: 931 psi (Orton)

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