



TECHNICAL DATA SHEET

RENO NC GUN 60 Z 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 its unique characteristics.

RENO NC GUN 60 Z 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/patching induction furnaces. The binder is pumped under pressure to the nozzle.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 155 lbs/cf
BINDER ADDITION: (at nozzle) Adjust at Nozzle

TYPICAL CHEMICAL ANALYSIS (includes binder) (Calcined Basis)

Table with 5 columns: Al2O3, SiO2, Fe2O3, TiO2, Zircon. Values: 60-62, 33-34, 1.0, <1, 4.8

TYPICAL PHYSICAL PROPERTIES ( Gunned)

Table with 7 columns: Prefired to °F, Modulus of Rupture, psi, Cold Crushing Strength, psi, Linear Change %, Abrasion Loss, cc, Porosity %, 'K' Factor Btu-in/hr-ft² °F. Values range from 650 to 2,800 °F and 10 to 8.9 K factor.

HOT MOR @2500°F (ASTM C583): 995 psi (Orton)

Coefficient of Thermal Expansion: 3.54x10⁻⁶

PACKAGING: 55 lb. Bags, 72 per Pallet (3960 lbs.)
1000 lb. Bags, 3 per Pallet (3000 lbs.)

182500 – 1/8/14

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.