



RENO REFRACTORIES, INC

RENO NC GUN 70 HGS

TECHNICAL DATA SHEET

RENO NC GUN 70 HGS is a high alumina no cement refractory designed to be installed by guniting. Has good green strength, quick dry-out, high hot strength and refractoriness, thermal shock resistance and iron oxide penetration resistance are its unique properties.

RENO NC GUN 70 HGS is recommended for reheat furnace walls, iron and steel ladles, tundish linings and cement kiln coolers and burner pipes. Material should be used at 1000°F or above.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 150 lbs./cu. ft.
BINDER ADDITION: Adjust at Nozzle

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	Other
65 – 68	30 – 32	<0.9	<1.5	<1

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	--	3,750 – 5,850	Nil
1500	1,300 – 1,520	5,800 – 7,700	Nil
2500	2,700 – 3,170	9,500 – 13,100	+0.1

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

183600 – 2/17/09

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.

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