



RENO REFRACTORIES, INC

RENO NC GUN 908

TECHNICAL DATA SHEET

RENO NC GUN 908 is a tabular alumina based no cement castable with chrome oxide addition. The colloidal silica based binder system utilizes nanotechnology to achieve minimum pore sizing. This material has high density, low porosity, high hot strengths and excellent resistance to iron, slag and thermal shock. It is easily installed by guniting.

RENO NC GUN 908 has a chrome addition that enhances the corrosion resistance to high FeO containing slags and at higher temperatures the thermal conductivity decreases. This material works well in cupola melt zones where erosive conditions exist. It is recommended for replenishment of existing linings.

SERVICE TEMPERATURE: 3200°F
MATERIAL REQUIRED FOR ESTIMATING: 176 lbs/cf
BINDER ADDITION: Adjust at nozzle
STORAGE LIFE: 1 year

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	Cr ₂ O ₃	Alk.
84.2	8.6	0.1	0.3	7.5	0.2

TYPICAL PHYSICAL PROPERTIES (Jet Cast Panels)

Prefired To °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	PLC %	Porosity %	Thermal K BTU/Ft-°F
1500	1,670	8,200	0.0	18.5	20.3
2500	3,033	8,600	-0.4	17.7	15.9

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.

Reno Refractories, PO Box 201, Morris, Alabama 35116
205.647.0240 | Toll Free 1.800.741.7366