



RENO REFRACTORIES, INC

RENO NC GUN 6044

TECHNICAL DATA SHEET

RENO NC GUN 6044 is a high alumina-silicon carbide, no cement material designed to be installed by gunning. Special characteristics are its high density, low porosity, high hot strength and rapid dry-out along with excellent resistance to iron, slag, thermal shock and oxidation.

RENO NC GUN 6044 is suggested for furnace troughs, iron and slag runners, and de-sulphurizing ladles, either as an original lining or for resurfacing.

SERVICE TEMPERATURE:	3000°F (Reducing)
MATERIAL REQUIRED FOR ESTIMATING:	160 lbs./cu. ft.
STORAGE LIFE:	1 year
BINDER ADDITION: (adjust at nozzle)	Adjust at Nozzle

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	SiC + C
74	7	0.8	2.5	15 - 16

TYPICAL PHYSICAL PROPERTIES (Reducing conditions above 250°F)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
1000	800 – 1,250	4,300 – 5,750	Nil
1500	800 – 1,300	4,200 – 5,750	0.0
2500	1,400 – 1,517*	8,300 – 12,860	+0.5

*Oxidizing

Abrasion Loss after 2500°F: <8 cc loss

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.

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