



RENO REFRACTORIES, INC

RENO NC GUN 60 LW

TECHNICAL DATA SHEET

RENO NC GUN 60 LW is a high strength, low porosity, easy to install, no-cement lightweight insulating gunite for use up to 2000°F. It has extremely low thermal conductivity. This product has minimal shrinkage to resist cracking, giving a true monolithic lining. The no cement bonding system also imparts excellent shock resistance and resistance to penetration by metals and slags.

RENO NC GUN 60 LW features are strength and low thermal conductivity, which makes it ideal for applications as a strong energy savings back-up lining.

SERVICE TEMPERATURE: 2000°F
MATERIAL REQUIRED FOR ESTIMATING: 60 lbs/cf
BINDER ADDITION: Adjust at Nozzle

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	Si O ₂	Fe ₂ O ₃	Ti O ₂	MgO	CaO	Alkalies	Carbon	Other
20	76	2.6	0.1	0.1	0.2	0.3	0.6	0.6

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength,psi	Linear Change %
250	170	1,710	Nil
650	122	1,856	-0.2
1,000	190	2,323	-0.1
1,500	255	2,481	-0.2
2,000	232	3,931	-1.2

“K” Factor – BTU/ft²/hr/in/°F

500°F – 2.45
750°F – 2.50
1,000°F – 2.45

PACKAGING: 25 lb. Bags, 40 per Pallet (1000 lbs.)

180200 – 9/20/10

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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