



RENO REFRACTORIES, INC

RENO GUN SP 92

TECHNICAL DATA SHEET

RENO GUN SP 92 is a volume stable, clay free, low cement gun mix containing a high alumina-magnesia spinel mineralogy. It was designed to be installed by guniting. High refractoriness, good hot strength and resistance to molten steel and iron are a few of its' unique features.

RENO GUN SP 92 is recommended for applications in steel ladles and many other dynamic molten metal contact areas. Material should be pre-dampened and aged for 15 minutes to minimize rebound.

SERVICE TEMPERATURE: 3200°F
MATERIAL REQUIRED (W/O REBOUND): 175 lbs./cu. Ft
CASTING WATER: Adjust at Nozzle

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	MgO
90 – 92	<0.1	<0.1	4 – 4.5

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1,577	7,350	-0.33
2500	1,675	9,200	-0.11

HOT MODULUS OF RUPTURE (HMOR) @ 2500°F: 1782 psi

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

127000 – 9/15/01

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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