



**RENO REFRACTORIES, INC**

**RENO MAG GUN 92**

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**TECHNICAL DATA SHEET**

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**RENO MAG GUN 92** is a silicate bonded high purity periclase gunning mix with good thermal shock resistance for basic applications at temperatures up to 3100F.

**SERVICE TEMPERATURE:** 3100°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 146 lbs./cu. ft.  
**STORAGE LIFE:** 3-6 months when humidity is kept <50%  
**WATER ADDITION:** Adjust at Nozzle

**TYPICAL CHEMICAL ANALYSIS (Calcined Basis)**

MgO	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	CaO	Fe <sub>2</sub> O <sub>3</sub>
91 – 93	<1	3 - 4	1 - 2	<1

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	300 - 500	800 – 1,500	
1500	200 - 500	500 – 1,000	-0.2
2000	300 - 500	700 – 1,100	-0.3
2800	1,500 – 2,100	4,500 – 6,000	-2.2
3000	1,100 - 1,600	5,000 – 6,000	-2.3

**PACKAGING: 55 lb. Bags, 72 per Pallet (3,960 lbs.)**

**22-022 B**

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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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