



**RENO REFRACTORIES, INC**

**RENO MAG GUN 826 CR**

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**TECHNICAL DATA SHEET**

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**RENO MAG GUN 826 CR** is a silicate bonded mag-chrome gunning mix based on periclase and natural chromite. It has good thermal shock resistance for basic steelmaking applications at temperatures up to 3200F.

**SERVICE TEMPERATURE:** 3200°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 152 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	Cr <sub>2</sub> O <sub>3</sub>
81 – 83	2 - 3	3 - 4	1 - 2	5 -6

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	300 - 600	1,200 – 1,700	
1500	100 - 500	800 – 1,200	+0.1
2000	100 - 500	700 – 1,100	+0.1
2800	500 - 900	1,750 – 2,250	-1.3
3000	1,300 – 2,000	3,100 – 4,000	-0.6

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

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**22-022 C**

**690310 – 4/18/2022**

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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, Inc. PO Box 201, Morris, Alabama 35116  
205.647.0240 | Toll Free 1.800.741.7366**

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