



RENO REFRACTORIES, INC

RENO GUN ABRADE 85

TECHNICAL DATA SHEET

RENO GUN ABRADE 85 is an extremely strong 3000°F gunning castable developed with low cement technology, exhibiting increased abrasion resistance. The high alumina content, volume stability, low iron content, and guns with very low dusting and rebound that allows **RENO GUN ABRADE 85** to be used where low cement castable properties are desired but gunning placement is preferred. Use a 16 hole water ring and 6-9" hydrating section for best results.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 151 lbs./cu. ft.
WATER REQUIRED: Add at Nozzle

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
81-85	7-11	0.9	2.5	0.2	3-4	0.2	0.5

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	945-1,611	4,700-7,125	-0.3
1500	700-1,316	4,240-5,680	-0.1
2000	1,060-1,700	5,780-8,170	-0.4
2500	1,302-1,950	6,580-9,500	-0.2
2800	1,882-2,400	9,545-11,950	-0.6

ABRASION LOSS: 5 cc After 1500°F

PACKAGING: 55 lb. Bags, 72 Bags 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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205.647.0240 | Toll Free 1.800.741.7366

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