



RENO REFRACTORIES, INC

RM 70 G

TECHNICAL DATA SHEET

RM 70 G is a high alumina, air setting, non wetting, ramming mix containing graphite. It is designed to withstand corrosive effects of molten iron and slag. This material has many applications for blast furnaces and high production cupolas. This material can be easily installed using floor rammers.

RM 70 G works very well as a bottom material when longer campaigns are desired. This material can be used as the top layer when used with Reno Bottom Sand on the doors.

SERVICE TEMPERATURE: 3100°F
MATERIAL REQUIRED FOR ESTIMATING: 163 lbs/cf

TYPICAL CHEMICAL ANALYSIS (Reducing conditions)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alk.	C	Other
69.5	10.4	1.5	2.9	0.1	0.3	0.6	10.7	4.2

TYPICAL PHYSICAL PROPERTIES (reducing conditions above 250°F)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	340	1,230	-0.1
1500	225	1,260	-0.5
2000	300	1,130	-0.7
2500	300	1,260	+0.2

PACKAGING: 50 lb. Bags, 50 per Pallet (2500 lbs.)
1/2500# Bulk Bag
1/2000# Bulk Bag

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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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