



TECHNICAL DATA SHEET

RM 80 is a high alumina air setting ramming mix. It shows good volume stability.

RM 80 could be used for ramming areas where the extra density and refractoriness is required to resist metal and slag penetration. Its thermal shock resistance lends itself for applications in industrial furnace walls.

SERVICE TEMPERATURE: 3200°F  
MATERIAL REQUIRED FOR ESTIMATING: 175 lbs./cu. ft.

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	MgO	Alkalies
78 – 82	10 – 12	2 – 3.5	<1.5	<1.54	<0.75

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	360	1,450	-0.2
1500	310	1,250	-0.3
2000	650	2,000	-0.1
2500	675	---	+0.5
3000	425	1,700	+2.6

PACKAGING: 50 lb. Bags, 50 per Pallet (2500 lbs.)

305900 – 4/14/98

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.