RENO REFRACTORIES, INC **MO 80 PT**

TECHNICAL DATA SHEET

MO 80P T is an 80% alumina class, phosphate bonded wet mortar. It has good strength, particularly at the lower temperatures. This product is used for laying high and extra high alumina brick and as a protective brush coating on existing refractories.

SERVICE TEMPERATURE: 3200ºF
MATERIAL REQUIRED FOR ESTIMATING: 450 lbs./M 9" Eq.
WATER REQUIRED - TROWELING: Use as received

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al_2O_3	SiO_2	Fe_2O_3	TiO_2	MgO	CaO	P_2O_5	Other
78.8	11.2	1.1	3.4	0.1	0.1	4.9	0.6

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	300 – 500	1,800 – 2,200	-0.1
2000	550 – 750	2,000 – 2,400	-0.1
2500	1,900 – 2,450	5,350 – 5,900	+0.1
3000	2,300 – 2,700	5,750 – 6,200	+0.1

PACKAGING: 55 lb. Pails, 24 per Pallet (1,320 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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