



RENO REFRACTORIES, INC

MO 80 P PATCH

TECHNICAL DATA SHEET

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

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

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	P ₂ O 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

PACKAGING: 60 lb. Pails, 48 per Pallet (2,880 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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