



RENO REFRACTORIES, INC

MO 90 S

TECHNICAL DATA SHEET

MO 90 S is a wet, high duty, air setting mortar. It can be used to lay high and super duty fireclay brick and insulating firebrick to 2900°F. This economical mortar gives good bonding strength and provides strong air tight joints.

SERVICE TEMPERATURE: 2900°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	Alkalies	Other
9.3	86.4	0.4	0.6	0.1	0.1	3.1	---

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	350 – 500	1,200 – 1,550	-0.5
1500	150 – 250	550 – 750	-0.3
2000	175 – 350	750 – 1,000	-0.3
2700	300 – 400	900 – 1,200	-0.3

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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