



RENO REFRACTORIES, INC

MO SUPER 3 DRY

TECHNICAL DATA SHEET

MO SUPER 3 Dry is an air setting, super duty mortar for temperatures to 3000°F. It forms a strong bond when laying fireclay and insulating firebrick.

MO SUPER 3 Dry mixes easily with water to desired consistency.

SERVICE TEMPERATURE:	3000°F
MATERIAL REQUIRED FOR ESTIMATING:	450 lbs./M 9" Eq.
WATER REQUIRED - TROWELING:	As required for desired consistency.

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
44 – 46	47 – 49	0.9	1.7	0.4	0.1	3.3	0.7

TYPICAL PHYSICAL PROPERTIES(Base on troweling consistency)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	500-1000	1,400 – 1,750	-0.5
1500	300 - 450	650 – 850	-0.3
2000	350 – 450	700 – 1,200	-0.3
2700	400 – 500	1,050 – 1,500	-0.2

STANDARD PACKAGING: 72/50 lb. bags (3600 lb. per pallet)

434500 – 4/18/17

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.