



RENO REFRACTORIES, INC

RENO COKE OVEN FRAME PATCH

TECHNICAL DATA SHEET

RENO COKE OVEN FRAME PATCH is a wet, air setting, super duty mortar and/or patch for temperatures to 3000°F. It is excellent patch for hot repairs to coke oven doors and frames.

Reno Coke Oven Frame Patch has excellent troweling characteristics and is ready to use as received.

SERVICE TEMPERATURE: 3000°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
44 – 46	47 – 49	0.9	1.7	0.4	0.1	3.3	0.7

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	450 – 500	1,350 – 1,750	-0.5
1500	200 – 250	550 – 850	-0.3
2000	250 – 350	800 – 1,200	-0.3
2700	350 – 450	1,100 – 1,500	-0.2

PACKAGING: 60lb. Pails, 48 per Pallet

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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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