



RENO REFRACTORIES, INC

RENO PATCH 55

TECHNICAL DATA SHEET

RENO PATCH 55 is a high alumina, phosphate bonded, patching refractory. It shows good resistance to slagging, spalling and abrasion.

RENO PATCH 55 is particularly well suited for prolonging the life of existing refractories such as in ladles, tundishes and other metal contact areas.

SERVICE TEMPERATURE:	3000°F
MATERIAL REQUIRED FOR ESTIMATING:	150 lbs/ft ³
WATER REQUIRED:	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
57.2	37.0	0.8	1.1	0.1	0.1	3.4	0.3

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	225 – 325	825 – 1,100	-0.3
1500	525 – 700	1,600 – 2,000	-0.6
2000	675 – 750	2,100 – 2,500	-0.4
2500	850 – 1,000	3,400 – 3,800	+0.1
3000	1,250 – 1,450	3,400 – 3,800	+0.8

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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