



RENO REFRACTORIES, INC

RENO CAST 55 X

TECHNICAL DATA SHEET

RENO CAST 55 X is a high alumina low cement castable developed to be installed by vibration or pumping.

RENO CAST 55 X was specifically developed for resistance to abrasion and alkali attack.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 150 lbs./cu. ft.
CASTING WATER: 5.0 – 6.0 %

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	SiC	Alkalies	Other
52.7	29.0	0.9	1.5	0.1	1.5	14.0	0.1	0.2

TYPICAL PHYSICAL PROPERTIES (Reducing conditions above 250°F)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2,000	9,800	Nil
1500	2,520	10,870	-0.1
2000	3,210	13,560	-0.2
2500	4,100	17,730	-0.5

PACKAGING: 55 lb. Bags, 72 per Pallet (3,960 LBS.)

144100 – 7/9/15

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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