



RENO REFRACTORIES, INC

RENO NOCEM 92

TECHNICAL DATA SHEET

RENO NOCEM 92 is a chemically bonded high alumina castable that resists alkali attack, oxide buildup, aluminum penetration and thermal shock.

RENO NOCEM 92 is recommended for aluminum furnace walls, sills, and jambs. Also used for burner blocks, ladles and troughs. General patching.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 165 lbs/cf
WATER ADDITION: 9 – 10%
STORAGE LIFE: 4 months

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	P ₂ O ₅	Alkalies	TiO ₂
92	1.2	0.6	4.6	1.5	0.1

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Density %
750	1,514	6,988	168
2,000	2,007	7,156	167
2,500	3,622	8,850	165

ABRASION LOSS After 2000°F: <8 cc
ABRASION LOSS After 2500°F: <4 cc

HOT MOR @ 1500°F: 2,178 psi

PACKAGING: 50 lb. Bags, 36 Pails (1800 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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