



RENO REFRACTORIES, INC

RENO JET CAST NC 60 AZR

TECHNICAL DATA SHEET

JET CAST NC 60 AZR is a high alumina and zircon no cement refractory designed to be installed by shotcreting or pumping. Quick installation, dry-out, high hot strength, low thermal shock, positive expansion and chemical resistance are features unique to Reno Refractories' No Cement products.

JET CAST NC 60 AZR is recommended for use in cement, lime, and glass industries.

SERVICE TEMPERATURE:	3000°F
MATERIAL REQUIRED FOR ESTIMATING:	158 pcf
BINDER ADDITION:	9.5 - 10.5%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	ZrO ₂ •SiO ₂
55	33	<1	10 - 11

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	750 – 920	3,600 – 4,500	0.22
1500	1,200 – 1,560	4,900 – 6,500	0.22
2500	2,350 – 2,520	6,700 – 7,900	0.19

ABRASION LOSS AFTER 1500°F: 10 cc loss

PACKAGING: 1500 Bags, 2 per Pallet (3000 lbs.)

188750 – 2/6/15

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.