



TECHNICAL DATA SHEET

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

RENO 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	1,600 – 2,500	0.22
1500	1,200 – 1,560	3,200 – 4,500	0.22
2500	2,350 – 2,520	5,200 – 5,900	0.19

ABRASION LOSS AFTER 1500°F:	10 cc loss
ABRASION LOSS AFTER 2000°F:	7 cc loss

PACKAGING: 55 lb. Bags, 72 per Pallet (3960 lbs.)

188700 – 10/30/12

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.