



TECHNICAL DATA SHEET

Reno NC 67 is a high alumina no cement refractory.

- Designed to be installed by casting or pumping.
- Quick installation
- Fast dry-out
- High Hot strength
- Thermal shock resistant
- Slag and metal penetration resistant
- Recommended for cement kilns and iron contact applications

Service Temperature: 3000°F / 1649°C
 Liquid Type: Liquid Additive
 Addition Quantity: 9 - 11.5%

Wt. Required for Estimating: 162 lbs/ft²
 Storage Life: 6 months

TYPICAL CHEMICAL ANALYSIS (% Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂
67	31	<1	<2

TYPICAL COLD PHYSICAL PROPERTIES

Prefired to °F	Cold Modulus of Rupture (psi)	Cold Crushing Strength (psi)	Linear Change (%)	Abrasion Loss (cc)	Thermal Shock Loss (%)
250	1,050 – 1,100	7,800 – 8,220	Nil		
1500	1,160 – 1,320	10,250 – 10,725	-0.3	< 8 cc	
2000	1,700 – 2,250	15,100 – 16,890	-0.1	< 7 cc	7 %
2500	2,260 – 2,900	15,300 – 15,520	+0.7	< 6 cc	

HMOR (ASTM 583) at 2750°F: 893 psi (Orton)

Packaging: 72/55# Dense Bags

PIN#<PIN> <ISS DATE>

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.