



TECHNICAL DATA SHEET

Reno ASAP Gun 60 ABR is a high strength, low cement bonded refractory with excellent strengths and abrasion resistance.

- Designed for an accelerated dryout schedule
- Can only be installed by dry gunning

Service Temperature: 3000°F / 1648°C  
 Liquid Type: Water  
 Required predamp water: ¾ - 1 ¾ qt./100 lb.

Wt. Required for Estimating: 155 lbs./ft<sup>3</sup>  
 Storage Life: 6 months

TYPICAL CHEMICAL ANALYSIS (% Calcined Basis)

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	CaO	MgO	Alkalies	Other
58.5	34.0	1.2	1.8	1.1	0.4	0.3	2.5

TYPICAL COLD PHYSICAL PROPERTIES

Prefired to °F	Cold Modulus of Rupture (psi)	Cold Crushing Strength (psi)	Porosity (%)	Linear Change (%)	Thermal Cycle Change (%)	.Abrasion Loss (cc)
250	2,795	10,444	12.0	0.26		
750	2,657	12,832	21.0	-0.08		
1500	2,478	11,169	22.5	-0.04		<12cc
2000	2,516	11,837	22.4	-0.15	-22	
2500	3,059	12,737	20.7	0.11		
2800	2,921	9,778	21.4	1.84		
3000	3,126	7,397	22.3	1.32		

HOT PHYSICAL PROPERTIES

Prefired to °F	Initial Thermal Expansion (%)	Thermal Conductivity (BTU/ft <sup>2</sup> /hr./in/°F)
250		12.8
750		12.2
1500		11.7
2000		11.5
2500		11.3
2800		11.2
3000		11.1

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.