



TECHNICAL DATA SHEET

RENO GUN BTW is a pre-dampened silicon carbide/carbon gunning mix especially formulated for routine maintenance of carbon wells in high production cupolas. It is designed to be gunned over the carbon well to protect the carbon blocks or cast material in the well after every campaign. Much improved over the standard gun mixes. This material is easily installed by use of a Guniting Machine.

RENO GUN BTW offers high performance at high temperatures and extreme conditions that exist in the well area. The thickness of material gunned on the well needs to be according to the length of campaign.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 153 lbs/cf
WATER REQUIRED (at nozzle): Add at nozzle

TYPICAL CHEMICAL ANALYSIS (Coke Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	SiC + C	Other
45.9	10.4	<0.4	1.1	0.1	0.1	39 – 41	2.5

TYPICAL PHYSICAL PROPERTIES (fired in reducing atmosphere)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	250 – 500	1,500 – 2,000	-0.5
1500	500 – 600	1,900 – 2,300	-0.3
2500	1,350 – 1,400	6,800 – 7,300	-0.3

PACKAGING: 50 lb. Bags, 50 per Pallet (2,500 lbs.)

127700 – 9/15/05

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.