



RENO REFRACTORIES, INC

RENO ROCK BTW PLASTIC

TECHNICAL DATA SHEET

RENO ROCK BTW PLASTIC is a very strong resin bonded plastic containing silicon carbide and carbon. It was specifically developed to withstand the harsh and erosive conditions that exist in front slag and rear slag cupolas. It is an excellent material that resists slag attack in the taphole, breast area, and the trough. It is designed to be installed with floor or hand held rammers.

RENO ROCK BTW PLASTIC contains a state of the art oxidation inhibitor. This is an excellent material to patch with or rebuild the breast hole and trough when necessary during a campaign. Also very good material to patch within the well area before the well is gunned.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 188 lbs/cf

TYPICAL CHEMICAL ANALYSIS (Reducing Conditions)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	SiC + C	Alk.	Other
63.6	6.1	0.3	1.1	Nil	22.8	0.1	6.0

TYPICAL PHYSICAL PROPERTIES (reducing conditions above 250°F)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	3,000	3,750	-0.5
1500	560	1,480	-0.7
2000	640	1,550	-0.4
2500	1,130	3,400	-0.4

PACKAGING: 55 lb. Boxes, 60 per Pallet (3300 lbs.)

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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.

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