



RENO REFRACTORIES, INC

RENO ROCK BTW RAM

TECHNICAL DATA SHEET

RENO ROCK BTW RAM is a very strong resin bonded ramming mix 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 rammers.

RENO ROCK BTW RAM contains a state of the art oxidation inhibitor.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 189 lbs/cf

TYPICAL CHEMICAL ANALYSIS (Reducing Conditions)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	SiC + C	Alk.	Other
62.6	4.7	0.2	1.3	Nil	24.7	0.1	6.4

TYPICAL PHYSICAL PROPERTIES (reducing conditions above 250°F)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2,600	6,470	-0.6
1500	1,050	4,480	-0.5
2000	1,680	4,870	-0.6
2500	1,540	4,560	-0.4

PACKAGING: 50 lb. Bags, 50 per Pallet Box (2500 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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