



RENO REFRACTORIES, INC

RENO GUN ABRAD 45

TECHNICAL DATA SHEET

RENO GUN ABRAD 45 is an extremely strong 3000°F gunning castable developed with low cement technology, exhibiting good abrasion resistance. This product has volume stability, low iron content, and good gunning characteristics.

RENO GUN ABRAD 45 is ideal to use where low cement castable properties are desired but gunning placement is preferred. This product is best suited for the upper and middle stage Cyclones in a Cement Pre-heater Tower, as well as gas ducts and cooler sidewalls.

SERVICE TEMPERATURE:	3000°F
MATERIAL REQUIRED FOR ESTIMATING:	132 lbs./cu. ft.
WATER REQUIRED:	Add at Nozzle

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>	MgO	CaO	Alkalies	Other
47	47.0	0.8	1.5	0.1	3.0	0.1	0.7

TYPICAL PHYSICAL PROPERTIES (Gunned)

Pre-fired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1,200	6,580	Nil
1500	1,575	5,400	-0.3
2500	1,500	5,020	-0.7

ABRASION LOSS AFTER 1500°F:	<23 cc
ABRASION LOSS AFTER 2500°F:	<20 cc

PACKAGING: 55 lb. Bags, 72 per Pallet (3920 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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