



RENO REFRACTORIES, INC

SUPER ABRADE LT

TECHNICAL DATA SHEET

SUPER ABRADE LT is a high strength, abrasion resistant material that can be rammed, hand tamped and cast when installed on anchored surfaces such as hex mesh or similar. Typical applications include duct-work, fan housings, transfer lines cyclones, classifier cones, and other high abrasion environments.

SERVICE TEMPERATURE:	2300°F
MATERIAL REQUIRED FOR ESTIMATING:	186 lbs/cf
WATER REQUIRED: Ram/Tamped	4.5 – 5.0%
Cast	6.0 – 6.5%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	Other
83	8	0.7	2.3	6

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %	Abrasion Loss ASTM C704 cast	Abrasion Loss ASTM C704 ram
250	2,500-4,000	14,000-18,000	Nil	<3 cc	<2 cc
1500	4,000-4,800	18,000-26,000	-0.3	<4 cc	<3 cc

PACKAGING: 55 lb. Bags, 72 per Pallet (3,960 lbs.)

307900 – 9/17/16

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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