



TECHNICAL DATA SHEET

SUPER ABRADE RT is a high strength, abrasion resistant refractory designed for hand packing and ramming. The material exhibits a long working time with non-slumping performance when installed on anchored surfaces such as hex mesh or similar. Typical applications include ducts, fan housings, cyclones, aggregate transfer lines and other abrasion environments.

SUPER ABRADE RT can be used from 1500 to 2200°F when temperature does not change, but the best properties are at 1500°F or lower.

<b>SERVICE TEMPERATURE:</b>	2200°F
<b>MATERIAL REQUIRED FOR ESTIMATING:</b>	168 lbs/cf
<b>MIXING WATER: Ram/Tamp:</b>	6.5 – 7.5%

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>	CaO	Other
74	10	0.8	13	2

TYPICAL PHYSICAL PROPERTIES (tamped)

Prefired °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %	Abrasion Loss ASTM C704
Room Temp.	-	>8,000	-	1.9 cc
300	1,650	>8,000	Nil	1.6 cc
572	1,600	>7,000	-	1.7 cc
932	916	4,500	-0.3	3.1 cc
1500	-	-	-	7.5 cc

**PACKAGING:** 55 lb. Bags, 72 per Pallet (3,960 lbs.)  
 2000 lb. BB, 2 per Pallet (4,000 lbs.)  
 1000 lb. BB, 1 per Pallet (1,000 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.