



**RENO REFRACTORIES, INC**

**SUPER ABRABE AZS-G**

**TECHNICAL DATA SHEET**

**SUPER ABRABE AZS-G** is a high strength, abrasion and alkali resistant AZS based, refractory designed for hand packing or gunning.

**SUPER ABRABE AZS** applications include areas where abrasion and alkali attack are a problem.

<b>SERVICE TEMPERATURE:</b>	2500°F
<b>MATERIAL REQUIRED FOR ESTIMATING:</b>	188 lbs./cu. ft.
<b>MIXING WATER:</b>	Ram/Tamp: 4.5-5.5%
<b>GUNNING</b>	Adjust@nozzle

<b>TYPICAL CHEMICAL ANALYSIS</b> (Calcined Basis)					
Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	ZrO <sub>2</sub>	Other
51	13	0.4	2.5	30	3

**TYPICAL PHYSICAL PROPERTIES** (gunned)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %	Abrasion Loss (ASTM C-704)
Air cure	760	3,750	---	---
250F	1,400	9,275	-0.2	
1500	1,600	8,500	-0.2	5-6cc**
2500	2,220	12,500	-0.4	<3

\*\* Tamped Abrasion was <4 cc loss

**HOT MOR @ 1500F (ORTON)** ----- 2,880 psi

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

127500 – 1/26/15

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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