



RENO REFRACTORIES, INC

**SUPER ABRADE AZS**

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**TECHNICAL DATA SHEET**

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**SUPER ABRADE AZS** is a high strength, abrasion and alkali resistant AZS based, refractory designed for hand packing.

**SUPER ABRADE AZS** applications include areas where abrasion and alkali attack are a problem. This mix does not contain silica fume.

**SERVICE TEMPERATURE:** 2300°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 188 lbs./cu. ft.  
**MIXING WATER:** Ram/Tamp: 4-5%

**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	ZrO <sub>2</sub>	Other
51	13	0.4	2.5	30	3

**TYPICAL PHYSICAL PROPERTIES (tamped)**

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %	Abrasion Loss (ASTM C-704)
Air Cure	--	4,750	--	2.1 cc
250	2,390	14,240	Nil	2.0 cc
932	--	--	--	<2 cc
1500	2,856	11,690	-0.1	<2 cc

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

Reno Refractories, Inc. PO Box 201, Morris, Alabama 35116  
205.647.0240 | Toll Free 1.800.741.7366