



RENO REFRACTORIES, INC

ASAP CAST 18Z

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TECHNICAL DATA SHEET

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**ASAP CAST 18Z** is a alumina-zircon aggregate based, thermal shock resistant, low cement castable.

**ASAP CAST 18Z** has excellent resistance to abrasion and alkali attack. Can be used for applications in the cement, lime and glass industries.

**ASAP** products can be dried out faster than regular low cements.

**SERVICE TEMPERATURE:** 2800°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 173 lbs./cu. ft.  
**PUMPING WATER:** 4.5-6%

**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>	ZrO <sub>2</sub>	CaO	SiC
48	28	0.4	Tr	18	2	2.5

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2,107	9,905	Nil
1500	2,550	11,240	+0.1
2500	3,660	13,223	+0.3

**ABRASION LOSS AFTER 1500°F:** 2-4cc

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

168600 – ASAP CAST 18Z

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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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