



**TECHNICAL DATA**

**CLAYBURN CAST SUPER ABRADE 60**

CLAYBURN CAST SUPER ABRADE 60 is a high alumina, very strong, thermal shock resistant, mullite based low cement castable that can be vibrated or pumped into place. Its purity, volume stability, and low porosity makes CLAYBURN CAST SUPER ABRADE 60 ideal for contact with iron and steel and their slags. It is also recommended for cement kiln risers, coolers, curbs or anywhere abrasion or alkali attack is a problem.

**SERVICE TEMPERATURE:** 3000°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 150 lbs./cu. ft.  
**CASTING WATER:** 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>	MgO	CaO	Alkalies	Other
57.1	37.6	0.9	1.6	0.1	2.2	0.2	0.3

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2650	12,714	Nil
1500	2760	11,800	-0.2

**Abrasion Loss after firing to 1000F** 4.9 cc (vibrated)  
**Abrasion Loss after firing to 1500F** 3.5 cc (vibrated)  
6.1 cc (pumped)