



CLAYBURN INDUSTRIES LTD.

33765 PINE STREET
ABBOTSFORD, BC
CANADA V2S 5C1
PHONE: (604) 859-5288
FAX: (604) 859-0424

TECHNICAL DATA

CLAYBURN FIRECAST 65 JC

CLAYBURN FIRECAST 65 JC is a high alumina, one component, no cement refractory designed to be installed by pumping, shotcreting or casting. Quick installation, dry-out, very high hot strength and thermal shock resistance are features of this product. **CLAYBURN FIRECAST 65 JC** is recommended for use in reheat furnaces, ladles, and other applications where a rapid heat-up is desired and thermal shock conditions are present.

SERVICE TEMPERATURE:	3000°F
MATERIAL REQUIRED FOR ESTIMATING:	155 lbs./cu. ft.
WATER ADDITION:	5 – 6 %

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	Other
64	32	0.9	1.8	0.1	1.1

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
2500	1982	>13,000	+0.3

HOT MOR AT 2500°F:	2786 psi
HOT MOR AT 2750°F:	1200 psi
POROSITY AFTER 2500°F:	14%
ABRASION AFTER 1500°F:	<5 cc loss

171820 – 3/02/05

The data 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 specifications.