



CLAYBURN INDUSTRIES LTD.

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

TECHNICAL DATA

CLAYBURN MO 34 CRM

CLAYBURN MO 34 CRM is a 70% alumina, 9% chrome, phosphate bonded, wet mortar for severe service conditions. It has good strength, particularly at the lower temperatures. This product is used for laying high and extra high alumina and chrome-alumina brick and as a protective brush coating on existing refractories.

SERVICE TEMPERATURE:	3400°F
MATERIAL REQUIRED FOR ESTIMATING:	550 lbs./M 9" Eq.
WATER REQUIRED - TROWELING:	Use as received

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	P ₂ O ₅	Cr ₂ O ₃
70.2	7.9	1.0	1.5	0.1	0.1	9.9	9.5

TYPICAL PHYSICAL PROPERTIES

Pre-fired to °F	Modulus of Rupture, psi	Linear Change %
250	800-1500	-0.1
2500	3200-4050	+0.1
3000	2300-2700	+0.1

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