



TECHNICAL DATA SHEET

**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.

**MO 34 CRM** 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 <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	P <sub>2</sub> O <sub>5</sub>	Cr <sub>2</sub> O <sub>3</sub>
70.2	7.9	1.0	1.5	0.1	0.1	9.9	9.5

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Modulus of Rupture, psi	Linear Change %
250	800 – 1,500	-0.1
2500	3,200 – 4,050	+0.1
3000	2,300 – 2,700	+0.1

**PACKAGING:** 60 lb. Pails, 48 per Pallet (2880 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.