



CLAYBURN INDUSTRIES LTD.

33765 PINE STREET
ABBOTSFORD, BC
CANADA V2S 5C1
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TECHNICAL DATA

CLAYBURN NoCem 96 AL

Clayburn NoCem 96 AL is a high alumina,, very pure, no cement refractory having excellent thermal shock properties, high refractoriness. Excellent non-wetting properties in molten aluminum contact. **Clayburn NoCem 96 AL** is used in aluminum melting and holding furnace lower sidewalls, trough linings, belly band linings, tap blocks and burner blocks.

Recommended Maximum Service Temperature:	3200° F
Dry Material Required per Cu. Ft	195 lbs.
Water Ratio:	2.0% by weight

Typical Chemical Analysis (%):

Al ₂ O ₃	SiO ₂
95-97	1.4-1.7

Physical Properties After Firing and Cooling

Temp °F	Modulus of Rupture, psi	Cold Crushing Strength (psi)	Bulk Density (pcf)
250	600 - 900	3000 - 4000	Nil
1500	1850 - 2150	8000 - 9000	-0.1
2000	2100 - 2300	8500 - 10,000	+0.1

187320 – 01/10/00

**ALL DATA SUBJECT TO REASONABLE DEVIATION AND THEREFORE
SHOULD NOT BE USED FOR SPECIFICATION PURPOSES**