



CLAYBURN INDUSTRIES LTD.

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

CLAYBURN NoCem 92

Clayburn NoCem 92 is a chemically bonded high alumina castable that resists alkali attack, oxide buildup, aluminum penetration and thermal shock. **Clayburn NoCem 92** is used in aluminum furnace walls, sills and jambs, burner blocks, ladles, and troughs, and for general patching.

Recommended Maximum Service Temperature: 3000° F
Dry Material Required per Cu. Ft 165 lbs.
Water Ratio: 7.2% - 8.3% by weight

Typical Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	P ₂ O ₅	Alkalies
92.0	1.2	0.6	0.1	4.6	1.5

Physical Properties After Firing and Cooling

Temp. (°F)	Modulus of Rupture (psi)	Cold Crushing Strength (psi)	Bulk Density (pcf)
750	1514	6988	168
2000	2007	7156	167
2500	3622	8850	165

Hot Modulus of Rupture: 2178 psi at 1500°F

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