



TECHNICAL DATA

CLAYBURN NoCem 60

Clayburn NoCem 60 is a chemically bonded mullite castable that resists alkali attack, oxide buildup, aluminum penetration and thermal shock. **Clayburn NoCem 60** is used in aluminum furnace walls, sills and jambs, burner blocks, ladles, and troughs.

Recommended Maximum Service Temperature: 3000° F
Dry Material Required per Cu. Ft 140 lbs.
Water Ratio: 6.6% - 7.3% by weight

Typical Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	P ₂ O ₅	Alkalies	Other
59.5	28.9	0.9	1.7	4.5	1.3	2.3

Physical Properties After Firing and Cooling

Temp. (°F)	Modulus of Rupture (psi)	Cold Crushing Strength (psi)	Bulk Density (pcf)
750	-	6056	145
1500	1017	-	-
2000	-	3934	138

Hot Modulus of Rupture: 1536 psi at 1500°F