



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA

CLAYBURN FIRECAST 60X

CLAYBURN FIRECAST 60X is a high alumina no cement refractory with an addition of silicon carbide designed to be installed by pumping or casting. Quick installation and dry-out, high hot strength, high thermal shock and cycling resistance are features unique to Clayburn's No Cement products. **CLAYBURN FIRECAST 60X** is recommended for use in iron reheat furnaces and ladles and other metal processing applications.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 158 lbs./cu. ft.
WATER ADDITION: 5 – 6 %

TYPICAL CHEMICAL ANALYSIS
 (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	SiC	TiO ₂
57	31	0.8	9	1.5

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
250	1,130	4,000	Nil
1500	1,950	6,100	-0.1
2500	3,300	11,350	-0.3

176520 – 12/30/03

The data 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 specifications.