



**CLAYBURN INDUSTRIES LTD.**

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ABBOTSFORD, BC  
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TECHNICAL DATA

**CLAYBURN CA 25 LW**

CLAYBURN CA 25 LW is a hydraulic setting insulating castable that combines low conductivity with a high service limit. It is very light weight for its temperature limit. This product can be used as a back up or a working lining where abuse is not severe.

<b>SERVICE TEMPERATURE:</b>	2500°F
<b>MATERIAL REQUIRED FOR ESTIMATING:</b>	71 lbs./cu. ft.
<b>CASTING WATER (Approx. by Wt.):</b>	35.5 – 37.5%

**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>	CaO	Alkalies
40.0-45.0	35.0-40.0	<1.0	10.0-15.0	<1.5

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %	“K” Factor Btu/ft <sup>2</sup> /hr/in/°F
250	170	550	Nil	500°F – 2.0
1500	125	450	-0.3	1000°F – 2.4
2000	140	250	-0.5	1500°F – 2.7
2500	300	950	+1.4	2000°F – 3.5

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ALL DATA ARE TYPICAL