



**CLAYBURN INDUSTRIES LTD.**

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ABBOTSFORD, BC  
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**TECHNICAL DATA**

**CLAYBURN CT 50 P**

CLAYBURN CT 50 P is a high alumina, phosphate bonded, coating refractory. It resists metal and slag attack and readily sticks to used refractories. Easily applied by had, **CT 50 P** is ideal for patching holes or eroded surfaces in severe wear areas.

<b>SERVICE TEMPERATURE:</b>	3050°F
<b>MATERIAL REQUIRED FOR ESTIMATING:</b>	150 lbs./cu. ft.
<b>WATER REQUIRED:</b>	Use as received

**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>	TiO <sub>2</sub>	MgO	CaO	P <sub>2</sub> O <sub>5</sub>	Other
55.1	36.0	1.2	1.3	0.3	0.9	4.9	0.3

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	MOR psi	Cold Crushing Strength, psi	Linear Change, %
250	200-300	800-1,100	-0.3
1500	500-700	1,600-2,000	-0.6
2000	650-750	2,100-2,500	-0.4
2500	850-1000	2,450-2,700	+0.1
3000	1250-1450	3,400-3,800	+0.8

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