



CLAYBURN INDUSTRIES LTD.

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ABBOTSFORD, BC
CANADA V2S 5C1
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TECHNICAL DATA

CLAYBURN PATCH 90 P

CLAYBURN PATCH 90 P is a tabular alumina based, phosphate bonded, fine grained service mix. It may be applied as a thin coating over hot or cold refractory surfaces. CLAYBURN PATCH 90 P may be mixed with additional water to obtain the desired consistency.

SERVICE TEMPERATURE:	3400°F
MATERIAL REQUIRED FOR ESTIMATING:	184 lbs./cu. ft.
CASTING WATER (Approx. by Wt.):	Use as received

TYPICAL CHEMICAL ANALYSIS

(Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	MgO	CaO	P ₂ O ₅
92 - 95	1.0 - 1.7	<0.2	<0.2	<0.15	4.2 - 4.8

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2500-2750	--	-0.6
1500	3500-4200	--	-0.6
2500	4700-5200	--	-0.9
3000	3200-3800	--	-3.6

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