



MaxCem® Mill Test Report

Month of Issue: October 2025

Plant: Seattle, Washington
Product: MaxCem® - Type IT(L11)(S30)MS & GULb-30S
Month of Production: September 2025
Mill Test Report Number: SEA_MAXCEM_October_2025

ASTM C 595, AASHTO M 240 and CSA A3000 Standard Requirements

CHEMICAL ANALYSIS			PHYSICAL ANALYSIS		
Item	Spec limit	Test Result	Item	Spec limit	Test Result
Rapid Method, X-Ray (C 114)					
SiO ₂ (%)	---	21.5	Air content of mortar (%) (C 185)	12 max	7
Al ₂ O ₃ (%)	---	7.1	Blaine Fineness (m ² /kg) (C 204)	---	466
Fe ₂ O ₃ (%)	---	2.4	Fineness, Residue retained on a 45 um sieve (%)	---	2.1
CaO (%)	---	52.8	Compressive strength PSI [MPA] (C 109)		
MgO (%)	---	1.9	3 days	1890 min	2410 [16.6]
Sulphate as SO ₃ (%)	3.0 max*	4.0	7 days	2900 min	3650 [25.2]
			28 days Previous Month	3620 min	5540 [38.2]
Loss on ignition (%)	10.0 max	5.3	Time of setting (minutes) Vicat Initial (C 191)	45 - 420	152
Total Alkalis (Type IL)	---	0.49	C-1038 Expansion 14-day (%) (C 1038)*	0.020	0.008
Slag addition (%)		30			
Richmond Type IL (%)		70			

*Chemical requirements states that SO₃ content above 3.0 is permissible if the C1038 expansion is below 0.020% at 14 days.

We certify that the above described cement, at the time of shipment, meets the chemical and physical ASTM C595, AASHTO M 240 and CSA A3000 Standard Requirements

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Certified By:

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October 1, 2025