



MaxCem® Mill Test Report

Month of Issue: September 2025

Plant: Seattle, Washington
Product: MaxCem® - Type IT(L11)(S30)MS & GULb-30S
Month of Production: August 2025
Mill Test Report Number: SEA_MAXCEM_September_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 (%)	---	21.3	Air content of mortar (%) (C 185)	12 max	7
Al ₂ O ₃ (%)	---	6.6	Blaine Fineness (m ² /kg) (C 204)	---	467
Fe ₂ O ₃ (%)	---	2.5	Fineness, Residue retained on a 45 um sieve (%)	---	1.6
CaO (%)	---	54.7	Compressive strength PSI [MPa] (C 109)	1890 min 2900 min 3620 min	2610 [18] 3630 [25] 5670 [39]
MgO (%)	---	1.9			
Sulphate as SO ₃ (%)	3.0 max*	3.9			
Loss on ignition (%)	10.0 max	5.4			
Total Alkalies (Type IL)	---	0.6	Time of setting (minutes) Vicat Initial (C 191)	45 - 420	149
Slag addition (%)		30	C-1038 Expansion 14-day (%) (C 1038)*	0.020	0.002
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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September 2, 2025