



MaxCem® Mill Test Report

Month of Issue: August 2025

Plant: Seattle, Washington
Product: MaxCem® - Type IT(L11)(S30)MS & GULb-30S
Month of Production: July 2025
Mill Test Report Number: SEA_MAXCEM_August_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 (%)	---	6.7	Blaine Fineness (m ² /kg) (C 204)	---	499
Fe ₂ O ₃ (%)	---	2.3	Fineness, Residue retained on a 45 um sieve (%)	---	1.5
CaO (%)	---	54.4	Compressive strength PSI [MPA] (C 109)		
MgO (%)	---	1.9			
Sulphate as SO ₃ (%)	3.0 max*	4.1			
Loss on ignition (%)	10.0 max	5.9			
Total Alkalis (Type IL)	---	0.45	3 days	1890 min	2920 [20.1]
Slag addition (%)		30	7 days	2900 min	3990 [27.5]
Richmond Type IL (%)		70	28 days Previous Month	3620 min	6000 [41.4]
			Time of setting (minutes)		
			Vicat Initial (C 191)	45 - 420	131
			C-1038 Expansion 14-day (%) (C 1038)*	0.020	0.009

*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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August 5, 2025