



# MaxCem® Mill Test Report

Month of Issue: January 2026

Plant:	Seattle, Washington
Product:	MaxCem® - Type IT(L11)(S30)MS & GULb-30S
Month of Production:	December 2025
Mill Test Report Number:	SEA_MAXCEM_January_2026

## 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)			Air content of mortar (%) (C 185)	12 max	7
SiO2 (%)	---	22.6	Blaine Fineness (m2/kg) (C 204)	---	457
Al2O3 (%)	---	6.8	Fineness, Residue retained on a 45 um sieve (%)	---	1.8
Fe2O3 (%)	---	2.7	Compressive strength PSI [MPA] (C 109)		
CaO (%)	---	56.5	3 days	1890 min	2690 [19]
MgO (%)	---	1.9	7 days	2900 min	3930 [27]
Sulphate as SO3 (%)	3.0 max*	3.2	28 days Previous Month	3620 min	6080 [42]
Loss on ignition (%)	10.0 max	5.4	Time of setting (minutes)		
Total Alkalis (Type IL)	---	0.5	Vicat Initial (C 191)	45 - 420	158
Slag addition (%)		30	C-1038 Expansion 14-day (%) (C 1038)*	0.020	0.004
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

Amrize - Seattle Plant  
 5400 W. Marginal Way SW, Seattle, WA 98106  
 Phone: 206-937-8025

Certified By:

Rob Shogren - Technical Director

January 2, 2026