



Cement Test Report

Mill Test Report Number: SEA_NEWCEM_January_2026

YEAR: 2025

MONTH OF PRODUCTION: December

PLANT: Seattle

CEMENT TYPE: NewCem Grade 100

Reference Cement

Fineness by Air Permeability (m ² /kg; ASTM C204)	428
Fineness by 45 µm (No. 325) Sieve (% retain; ASTM C430)	3.2
Compressive Strength (ASTM C109/C109 M)	
psi	<u>Min Limit</u>
7-day	5,080
28-day	5,740
Actual	<u>Limits</u>
Total Alkalies (Na ₂ O + 0.658 K ₂ O) (%, ASTM C114)	0.54
	0.6-0.9

Slag

Fineness by Air Permeability (m ² /kg; ASTM C204)	435
Fineness by 45 µm (No. 325) Sieve (% retain; ASTM C430)	4.7
Compressive Strength (ASTM C109/C109 M)	
<u>SAI</u>	<u>SAI Limit</u>
28-day (Previous Month)	104
Actual	<u>Min</u>
Specific Gravity (Mg/m ³ ; ASTM C188)	2.88
Air Content of Mortar (%, ASTM C185)	7.4
Sulfide Sulfur (% S, ASTM C114)	0.8
Sulfate Ion (% as SO ₃ , ASTM C114)	6.2
Sulfate Expansion (% Expansion, ASTM C1038, CSA C5)	0.001
Color Value L*	76.4

^A Not Applicable.

The ground granulated blast furnace slag complies with the current specification of the chemical physical requirement of ASTM C-989, AASHTO M-302 for grade 100 Ground Granulated Blast Furace Slag (GGBFS) and and CSA A3001 Slag.

Slag source is JFE Mineral Company in Kurashiki City, Japan. NewCem is ground and manufactured in Seattle, WA.



Certified to
NSF/ANSI/CAN 61

Certified by:

Rob Shogren
Technical Director

January 2, 2026