



Cement

NewCem Plus



Certified to
NSF/ANSI/CAN 61

Analysis by: Lafarge Concrete Lab
Sample from : Seattle Blending Facility
Average Analysis: March 2024
Mill Certificate ID: 4-24 BSCM

Chemical Analysis

Available Alkali as Equiv. Na ₂ O (previous month's result)	0.4 %
Total Alkalies as Equivalent Na ₂ O	2.58 %
CaO Fly Ash *	15 %
SO ₃ Fly Ash *	1.0 %
SO ₃ Slag **	5.2 %
S Ion Slag **	0.8 %

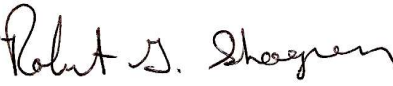
Physical Analysis

Ground Granulated Blast Furnace Slag SAI, 28 Day **	100 %
Class/Type F Fly Ash Pozzolanic Acivity Index, 28 Day *	108 %
LOI Fly Ash *	0.47 %
45 _u Fly Ash*	11.3 %
45 _u Slag**	4.9 %
Density	2.79 Mg/m ³

Cementitious Blend

Class/Type F Fly Ash Blend Percentage	50 %
Ground Granulated Blast Furnace Slag Blend Percentage	50 %

We hereby certify this blended SCM product meets the requirements of ASTM C-1697 SCMb-50S/50F and CSA A-3000 Bmb-50F/S.

Certified : 
Rob Shogren, P.E.
Technical Engineer
Lafarge North America

* 4-24F Centralia Class/Type F Fly Ash Cert

** SEA_NEWCEM_April2024 Ground Granulated Blast Furnace Slag Cert