

Cement

NewCem Plus

Analysis by: Lafarge Concrete Lab
 Sample from : Seattle Blending Facility
 Average Analysis: April 2023
 Mill Certificate ID: 5-23 BSCM



Certified to
NSF/ANSI/CAN 61

Chemical Analysis

Total Alkalies as Equivalent Na ₂ O	2.51 %
CaO Fly Ash *	17 %
SO ₃ Fly Ash *	1.4 %
SO ₃ Slag **	5.2 %
S Ion Slag **	0.8 %

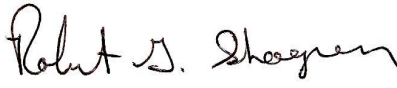
Physical Analysis

Ground Granulated Blast Furnace Slag SAI, 28 Day **	98 %
Class/Type F Fly Ash Pozzolanic Activity Index, 28 Day *	109 %
LOI Fly Ash *	0.42 %
Autoclave Fly Ash *	0.03 %
Autoclave Slag **	0.00 %
45 _u Fly Ash*	15.4 %
45 _u Slag**	6.1 %
Density	2.78 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

* 5-23F Centralia Class/Type F Fly Ash Cert

** SEA_NEWCEM_May2023 Ground Granulated Blast Furnace Slag Cert