



Cement

NewCem Plus

Analysis by: Lafarge Concrete Lab
 Sample from : Seattle Blending Facility
 Average Analysis: August 2023
 Mill Certificate ID: 9-23 BSCM



Certified to
 NSF/ANSI/CAN 61

Chemical Analysis

Total Alkalies as Equivalent Na ₂ O	2.43 %
CaO Fly Ash *	15 %
SO3 Fly Ash *	1.1 %
SO3 Slag **	5.3 %
S Ion Slag **	0.8 %

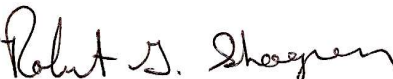
Physical Analysis

Ground Granulated Blast Furnace Slag SAI, 28 Day **	110 %
Class/Type F Fly Ash Pozzolanic Acivity Index, 28 Day *	98 %
LOI Fly Ash *	0.52 %
Autoclave Fly Ash *	0.08 %
Autoclave Slag **	-0.05 %
45 _u Fly Ash*	13.5 %
45 _u Slag**	6.3 %
Density	2.76 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

* 9-23F Centralia Class/Type F Fly Ash Cert

** SEA_NEWCEM_September2023 Ground Granulated Blast Furnace Slag Cert