

Cement

NewCem Plus

Analysis by: Lafarge Concrete Lab
 Sample from : Seattle Blending Facility
 Average Analysis: April 2022
 Mill Certificate ID: 5-22 BSCM



Certified to
NSF/ANSI/CAN 61

Chemical Analysis

Total Alkalies as Equivalent Na ₂ O	2.55 %
CaO Fly Ash *	15 %
SO ₃ Fly Ash *	1.0 %
SO ₃ Slag **	5 %
S Ion Slag **	0.8 %

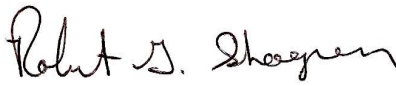
Physical Analysis

Ground Granulated Blast Furnace Slag SAI, 28 Day **	104 %
Class/Type F Fly Ash Pozzolanic Activity Index, 28 Day *	105 %
LOI Fly Ash *	0.23 %
Autoclave Fly Ash *	0.05 %
Autoclave Slag **	0.03 %
45 _u Fly Ash*	13.3 %
45 _u Slag**	7.2 %
Density	2.77 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

* 5-22F Centralia Class/Type F Fly Ash Cert

** SEA_NEWCEM_May2021 Ground Granulated Blast Furnace Slag Cert