

Cement

NewCem Plus

Analysis by: Lafarge Concrete Lab
 Sample from : Seattle Blending Facility
 Average Analysis: December 2021
 Mill Certificate ID: 1-22 BSCM-25



Certified to
NSF/ANSI/CAN 61

Chemical Analysis

Total Alkalies as Equivalent Na ₂ O	1.64 %
CaO Fly Ash *	15 %
SO ₃ Fly Ash *	0.8 %
SO ₃ Slag **	5 %
S Ion Slag **	0.8 %

Physical Analysis

Ground Granulated Blast Furnace Slag SAI, 28 Day **	105 %
Class/Type F Fly Ash Pozzolanic Activity Index, 28 Day *	101 %
LOI Fly Ash *	0.27 %
Autoclave Fly Ash *	0.02 %
Autoclave Slag **	-0.01 %
45 _u Fly Ash*	18.3 %
45 _u Slag**	2.5 %
Density	2.74 Mg/m ³

Cementitious Blend

Class/Type F Fly Ash Blend Percentage	25 %
Ground Granulated Blast Furnace Slag Blend Percentage	75 %

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

* 1-22F Centralia Class/Type F Fly Ash Cert

** SEA_NEWCEM_Jan2022 Ground Granulated Blast Furnace Slag Cert