



Cement

NewCem Plus



Analysis by: Lafarge Concrete Lab
Sample from : Seattle Blending Facility
Average Analysis: May 2022
Mill Certificate ID: 6-22 BSCM

Chemical Analysis

Total Alkalies as Equivalent Na ₂ O	2.40 %
Available Alkali as Equiv. Na ₂ O (previous month's result)	0.6 %
CaO Fly Ash *	14
SO ₃ Fly Ash *	1.0 %
SO ₃ Slag **	4.7 %
S Ion Slag **	0.8 %

Physical Analysis

Ground Granulated Blast Furnace Slag SAI, 28 Day **	95 %
Class/Type F Fly Ash Pozzolanic Activity Index, 28 Day *	102 %
LOI Fly Ash *	0.46 %
Autoclave Fly Ash *	0.04 %
Autoclave Slag **	0.00 %
45 _u Fly Ash*	13.7 %
45 _u Slag**	5.6 %
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

* 6-22F Centralia Class/Type F Fly Ash Cert

** SEA_NEWCEMJune2022 Ground Granulated Blast Furnace Slag Cert