



Cement

NewCem Plus



Certified to
NSF/ANSI/CAN 61

Analysis by: Lafarge Concrete Lab
Sample from : Seattle Blending Facility
Average Analysis: September 2024
Mill Certificate ID: 10-24 BSCM

Chemical Analysis

Available Alkali as Equiv. Na ₂ O (previous month's result)	0.6	%
Total Alkalies as Equivalent Na ₂ O	2.37	%
CaO Fly Ash *	14	%
SO ₃ Fly Ash *	1.1	%
SO ₃ Slag **	7.2	%
S Ion Slag **	0.8	%

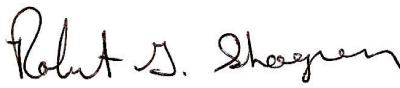
Physical Analysis

Ground Granulated Blast Furnace Slag SAI, 28 Day **	108	%
Class/Type F Fly Ash Pozzolanic Acivity Index, 28 Day *	101	%
LOI Fly Ash *	0.50	%
45 _u Fly Ash*	13.0	%
45 _u Slag**	3.3	%
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

* 10-24F Centralia Class/Type F Fly Ash Cert

** SEA_NEWCEM_October2024 Ground Granulated Blast Furnace Slag Cert