

**Cement**

**NewCem Plus**



Certified to  
NSF/ANSI/CAN 61

Analysis by: Lafarge Concrete Lab  
Sample from : Seattle Blending Facility  
Average Analysis: August 2021  
Mill Certificate ID: 9-21 BSCM

**Chemical Analysis**

Total Alkalies as Equivalent Na <sub>2</sub> O	2.48 %
CaO Fly Ash *	14 %
SO <sub>3</sub> Fly Ash *	0.9 %
SO <sub>3</sub> Slag **	2.7 %
S Ion Slag **	0.8 %

**Physical Analysis**

Ground Granulated Blast Furnace Slag SAI, 28 Day **	98 %
Class/Type F Fly Ash Pozzolanic Activity Index, 28 Day *	103 %
LOI Fly Ash *	0.31 %
Autoclave Fly Ash *	0.02 %
Autoclave Slag **	-0.01 %
45 <sub>u</sub> Fly Ash*	16.4 %
45 <sub>u</sub> Slag**	7.5 %
Density	2.78 Mg/m <sup>3</sup>

**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

\* 9-21F Centralia Class/Type F Fly Ash Cert

\*\* SEA\_NEWCEM\_September2021 Ground Granulated Blast Furnace Slag Cert