



**Cement**

**NewCem Plus**



Certified to  
NSF/ANSI/CAN 61

Analysis by: Lafarge Concrete Lab  
Sample from : Seattle Blending Facility  
Average Analysis: January 2025  
Mill Certificate ID: 2-25 BSCM

**Chemical Analysis**

|  |        |
|--|--------|
| Total Alkalies as Equivalent Na <sub>2</sub> O | 2.45 % |
| CaO Fly Ash *                                  | 14.9 % |
| SO <sub>3</sub> Fly Ash *                      | 1.0 %  |
| SO <sub>3</sub> Slag **                        | 7.4 %  |
| S Ion Slag **                                  | 0.8 %  |

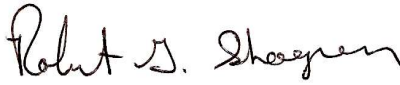
**Physical Analysis**

|   |                        |
|---|------------------------|
| Ground Granulated Blast Furnace Slag SAI, 28 Day **     | 106 %                  |
| Class/Type F Fly Ash Pozzolanic Acivity Index, 28 Day * | 103 %                  |
| LOI Fly Ash *   | 0.42 %                 |
| 45 <sub>u</sub> Fly Ash*                                | 14.4 %                 |
| 45 <sub>u</sub> Slag**                                  | 4.6 %                  |
| Density   | 2.76 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

\* 2-25F Centralia Class/Type F Fly Ash Cert

\*\* SEA\_NEWCEM\_February\_2025 Ground Granulated Blast Furnace Slag Cert