



## NewCem Plus

Analysis by: Amrize Concrete Lab  
Sample from : Seattle Blending Facility  
Average Analysis: December 2025  
Mill Certificate ID: 1-26 BSCM



Certified to  
NSF/ANSI/CAN 61

### Chemical Analysis

|                                                |        |
|------------------------------------------------|--------|
| Total Alkalies as Equivalent Na <sub>2</sub> O | 2.25 % |
| CaO Fly Ash *                                  | 13.7 % |
| SO <sub>3</sub> Fly Ash *                      | 0.8 %  |
| SO <sub>3</sub> Slag **                        | 4.4 %  |
| S Ion Slag **                                  | 0.8 %  |

### Physical Analysis

|                                                          |                        |
|----------------------------------------------------------|------------------------|
| Ground Granulated Blast Furnace Slag SAI, 28 Day **      | 104 %                  |
| Class/Type F Fly Ash Pozzolanic Activity Index, 28 Day * | 102 %                  |
| LOI Fly Ash *                                            | 0.31 %                 |
| 45 <sub>u</sub> Fly Ash*                                 | 11.2 %                 |
| 45 <sub>u</sub> Slag**                                   | 3.6 %                  |
| 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  
Amrize

\* 1-26F Centralia Class/Type F Fly Ash Cert

\*\* SEA\_NEWCEM\_January\_2026 Ground Granulated Blast Furnace Slag Cert

