LAFARGE NORTH AMERICA

## 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 $Na_2O$ | 2.45 | % |
| CaO Fly Ash * | 14.9 | % |
| SO3 Fly Ash * | 1.0 | % |
| SO3 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 Acivitity Index, 28 Day * | 103 | % |
| LOI Fly Ash * | 0.42 | % |
| $45_u$ Fly Ash* | 14.4 | % |
| $45_u$ Slag** | 4.6 | % |
| 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/50Fand CSA A-3000 BMb-50F/S.

Certified : Robert S. Shogren

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