

## Chemical Report

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Composition of Ribblesdale PLC 52,5N, EN 197-1:2011, CEM II/A-LL 52,5N

Dispatched from Ribblesdale

Chemical analysis for week ending 29-Sep-24

Week No. 2024-39

| Compound                       | %     |
|--------------------------------|-------|
| SiO <sub>2</sub>               | 19.66 |
| Al <sub>2</sub> O <sub>3</sub> | 4.66  |
| Fe <sub>2</sub> O <sub>3</sub> | 2.55  |
| CaO                            | 65.67 |
| MgO                            | 2.13  |
| SO <sub>3</sub>                | 3.11  |
| K <sub>2</sub> O               | 0.68  |
| Na <sub>2</sub> O              | 0.21  |
| Cl                             | 0.07  |
| Loss on Ignition               | n/a   |
| Not Detected                   | 1.29  |
| Total                          | 98.71 |

|                                                          | %      |
|----------------------------------------------------------|--------|
| Insol Residue                                            | n/a    |
| Free CaO                                                 | 1.5    |
| Certified<br>Average Alkali<br>Na <sub>2</sub> O (Equiv) | 0.62   |
| LSF (x 100)                                              | 101.97 |

| Clinker compounds by<br>Rietveld analysis |      |
|-------------------------------------------|------|
| C <sub>3</sub> S                          | 58.6 |
| C <sub>2</sub> S                          | 14.5 |
| C <sub>3</sub> A                          | 4.2  |
| C <sub>4</sub> AF                         | 8.7  |

For and on behalf of  
HEIDELBERG MATERIALS UK



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