

## Chemical Report

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Composition of Ribblesdale PC, EN 197-1:2011, CEM I 52,5N

Dispatched from Ribblesdale

Chemical analysis for week ending 20-Sep-26

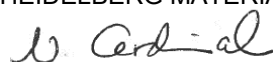
Week No. 2026-37

| Compound                       | %     |
|--------------------------------|-------|
| SiO <sub>2</sub>               | 19.51 |
| Al <sub>2</sub> O <sub>3</sub> | 4.68  |
| Fe <sub>2</sub> O <sub>3</sub> | 2.58  |
| CaO                            | 62.80 |
| MgO                            | 2.13  |
| SO <sub>3</sub>                | 3.44  |
| K <sub>2</sub> O               | 0.63  |
| Na <sub>2</sub> O              | 0.26  |
| Cl                             | 0.06  |
| Loss on Ignition               | 3.73  |
|                                |       |
| Not Detected                   | 0.16  |
| Total                          | 99.84 |

|                                                          | %     |
|----------------------------------------------------------|-------|
| Insol Residue                                            | 0.38  |
| Free CaO                                                 | 1.2   |
| Certified<br>Average Alkali<br>Na <sub>2</sub> O (Equiv) | 0.69  |
| LSF (x 100)                                              | 97.53 |

| Clinker compounds by<br>Rietveld analysis |      |
|-------------------------------------------|------|
| C <sub>3</sub> S                          | 60.8 |
| C <sub>2</sub> S                          | 14.8 |
| C <sub>3</sub> A                          | 6.5  |
| C <sub>4</sub> AF                         | 6.7  |

For and on behalf of  
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT  
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