

## Chemical Report

Heidelberg Materials

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Ketton

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

Dispatched from Ketton

Chemical analysis for week ending 14-Jan-24

Week No. 2024-2

| Compound                       | %     |
|--------------------------------|-------|
| SiO <sub>2</sub>               | 16.98 |
| Al <sub>2</sub> O <sub>3</sub> | 4.45  |
| Fe <sub>2</sub> O <sub>3</sub> | 3.03  |
| CaO                            | 64.35 |
| MgO                            | 0.98  |
| SO <sub>3</sub>                | 2.92  |
| K <sub>2</sub> O               | 0.57  |
| Na <sub>2</sub> O              | 0.28  |
| Cl                             | 0.06  |
| Loss on Ignition               | n/a   |
| Not Detected                   | 6.40  |
| Total                          | 93.60 |

|  | %      |
|--|--------|
| Insol Residue  | n/a    |
| Free CaO   | 1.2    |
| Certified<br>Average Alkali<br>Na <sub>2</sub> O (Equiv) | 0.67   |
| LSF (x 100)  | 113.61 |

| Clinker compounds by<br>Rietveld analysis |      |
|---|------|
| C <sub>3</sub> S                          | 59.8 |
| C <sub>2</sub> S                          | 7.5  |
| C <sub>3</sub> A                          | 8.2  |
| C <sub>4</sub> AF                         | 6.2  |

 For and on behalf of  
HEIDELBERG MATERIALS UK



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