

## Chemical Report

Heidelberg Materials

UK

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 21-Dec-25

Week No. 2025-50

| Compound                       | %     |
|--------------------------------|-------|
| SiO <sub>2</sub>               | 19.99 |
| Al <sub>2</sub> O <sub>3</sub> | 4.95  |
| Fe <sub>2</sub> O <sub>3</sub> | 3.11  |
| CaO                            | 65.13 |
| MgO                            | 1.11  |
| SO <sub>3</sub>                | 3.48  |
| K <sub>2</sub> O               | 0.49  |
| Na <sub>2</sub> O              | 0.29  |
| Cl                             | 0.04  |
| Loss on Ignition               | n/a   |
| Not Detected                   | 1.42  |
| Total                          | 98.58 |

|                                                          | %     |
|----------------------------------------------------------|-------|
| Insol Residue                                            | n/a   |
| Free CaO                                                 | 0.2   |
| Certified<br>Average Alkali<br>Na <sub>2</sub> O (Equiv) | 0.62  |
| LSF (x 100)                                              | 98.06 |

| Clinker compounds by<br>Rietveld analysis |      |
|-------------------------------------------|------|
| C <sub>3</sub> S                          | 60.0 |
| C <sub>2</sub> S                          | 10.8 |
| C <sub>3</sub> A                          | 9.0  |
| C <sub>4</sub> AF                         | 7.8  |

For and on behalf of  
HEIDELBERG MATERIALS UK



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*Technical Strategy Director*

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