

## Chemical Report

Heidelberg Materials  
UK  
Ketton  
Stamford  
PE9 3SX  
Tel: 0330 123 2074  
Fax: 01780 727008

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

Dispatched from Ketton

Chemical analysis for week ending 09-Aug-26

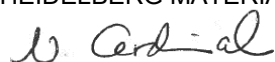
Week No. 2026-31

| Compound                       | %     |
|--------------------------------|-------|
| SiO <sub>2</sub>               | 19.85 |
| Al <sub>2</sub> O <sub>3</sub> | 4.87  |
| Fe <sub>2</sub> O <sub>3</sub> | 3.02  |
| CaO                            | 65.63 |
| MgO                            | 1.11  |
| SO <sub>3</sub>                | 3.43  |
| K <sub>2</sub> O               | 0.46  |
| Na <sub>2</sub> O              | 0.30  |
| Cl                             | 0.03  |
| Loss on Ignition               | n/a   |
| Not Detected                   | 1.32  |
| Total                          | 98.68 |

|                                                          | %     |
|----------------------------------------------------------|-------|
| Insol Residue                                            | n/a   |
| Free CaO                                                 | 0.1   |
| Certified<br>Average Alkali<br>Na <sub>2</sub> O (Equiv) | 0.62  |
| LSF (x 100)                                              | 99.77 |

| Clinker compounds by<br>Rietveld analysis |      |
|-------------------------------------------|------|
| C <sub>3</sub> S                          | 58.2 |
| C <sub>2</sub> S                          | 12.0 |
| C <sub>3</sub> A                          | 8.8  |
| C <sub>4</sub> AF                         | 7.9  |

For and on behalf of  
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT  
Technical Strategy Director  
Heidelberg Materials UK

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