

Chemical Report

Heidelberg Materials

UK

Ketton

Stamford

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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 30-Jun-24

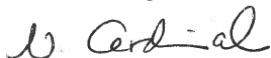
Week No. 2024-26

| Compound | % |
|--------------------------------|-------|
| SiO ₂ | 18.15 |
| Al ₂ O ₃ | 4.77 |
| Fe ₂ O ₃ | 3.06 |
| CaO | 65.26 |
| MgO | 1.10 |
| SO ₃ | 2.83 |
| K ₂ O | 0.53 |
| Na ₂ O | 0.24 |
| Cl | 0.04 |
| Loss on Ignition | n/a |
| | |
| Not Detected | 4.03 |
| Total | 95.97 |

| | % |
|--|--------|
| Insol Residue | n/a |
| Free CaO | 0.5 |
| Certified Average Alkali Na ₂ O (Equiv) | 0.61 |
| LSF (x 100) | 108.13 |

| Clinker compounds by Rietveld analysis | |
|---|------|
| C ₃ S | 57.4 |
| C ₂ S | 10.2 |
| C ₃ A | 8.9 |
| C ₄ AF | 6.4 |

 For and on behalf of
HEIDELBERG MATERIALS UK



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

National Technical Manager

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