

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 07-Jan-24

Week No. 2024-1

| Compound | % |
|--------------------------------|-------|
| SiO ₂ | 18.13 |
| Al ₂ O ₃ | 4.71 |
| Fe ₂ O ₃ | 3.07 |
| CaO | 63.94 |
| MgO | 1.04 |
| SO ₃ | 2.90 |
| K ₂ O | 0.62 |
| Na ₂ O | 0.28 |
| Cl | 0.05 |
| Loss on Ignition | n/a |
| | |
| Not Detected | 5.28 |
| Total | 94.72 |

| | % |
|--|--------|
| Insol Residue | n/a |
| Free CaO | 0.5 |
| Certified Average Alkali Na ₂ O (Equiv) | 0.67 |
| LSF (x 100) | 106.10 |

| Clinker compounds by Rietveld analysis | |
|---|------|
| C ₃ S | 56.6 |
| C ₂ S | 12.6 |
| C ₃ A | 8.3 |
| C ₄ AF | 7.0 |

For and on behalf of
HEIDELBERG MATERIALS UK



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

National Technical Manager

Heidelberg Materials UK

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