

Chemical Report

Heidelberg Materials
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Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Ketton
Chemical analysis for week ending 17-May-26

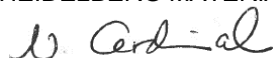
Week No. 2026-19

| Compound | % |
|--------------------------------|--------|
| SiO ₂ | 20.35 |
| Al ₂ O ₃ | 4.99 |
| Fe ₂ O ₃ | 3.06 |
| CaO | 64.65 |
| MgO | 1.11 |
| SO ₃ | 3.24 |
| K ₂ O | 0.52 |
| Na ₂ O | 0.30 |
| Cl | 0.05 |
| Loss on Ignition | 3.24 |
| | |
| Not Detected | -1.50 |
| Total | 101.50 |

| | % |
|--|-------|
| Insol Residue | 1.18 |
| Free CaO | 0.3 |
| Certified Average Alkali Na ₂ O (Equiv) | 0.64 |
| LSF (x 100) | 96.06 |

| Clinker compounds by Rietveld analysis | |
|---|------|
| C ₃ S | 60.4 |
| C ₂ S | 13.8 |
| C ₃ A | 8.9 |
| C ₄ AF | 8.3 |

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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