

Chemical Report

Heidelberg Materials

UK

Ketton

Stamford

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Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N

Dispatched from Ketton

Chemical analysis for week ending 14-Jul-24

Week No. 2024-28

| Compound | % |
|--------------------------------|-------|
| SiO ₂ | 18.83 |
| Al ₂ O ₃ | 4.90 |
| Fe ₂ O ₃ | 3.03 |
| CaO | 64.74 |
| MgO | 1.14 |
| SO ₃ | 3.24 |
| K ₂ O | 0.63 |
| Na ₂ O | 0.25 |
| Cl | 0.05 |
| Loss on Ignition | 3.09 |
| | |
| Not Detected | 0.11 |
| Total | 99.89 |

| | % |
|--|--------|
| Insol Residue | 1.22 |
| Free CaO | 0.8 |
| Certified Average Alkali Na ₂ O (Equiv) | 0.65 |
| LSF (x 100) | 103.15 |

| Clinker compounds by Rietveld analysis | |
|---|------|
| C ₃ S | 61.1 |
| C ₂ S | 10.1 |
| C ₃ A | 8.8 |
| C ₄ AF | 7.0 |

For and on behalf of
HEIDELBERG MATERIALS UK



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

National Technical Manager

Heidelberg Materials UK

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