

Chemical Report

Heidelberg Materials

UK

Ketton

Stamford

PE9 3SX

Tel: 0330 123 2074

Fax: 01780 727008

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

Dispatched from Ribblesdale

Chemical analysis for week ending 20-Oct-24

Week No. 2024-42

| Compound | % |
|--------------------------------|--------|
| SiO ₂ | 20.15 |
| Al ₂ O ₃ | 4.89 |
| Fe ₂ O ₃ | 2.66 |
| CaO | 65.20 |
| MgO | 2.35 |
| SO ₃ | 3.38 |
| K ₂ O | 0.69 |
| Na ₂ O | 0.22 |
| Cl | 0.06 |
| Loss on Ignition | 3.11 |
| | |
| Not Detected | -2.72 |
| Total | 102.72 |

| | % |
|--|-------|
| Insol Residue | 0.69 |
| Free CaO | 1.4 |
| Certified Average Alkali Na ₂ O (Equiv) | 0.66 |
| LSF (x 100) | 98.13 |

| Clinker compounds by Rietveld analysis | |
|---|------|
| C ₃ S | 61.0 |
| C ₂ S | 14.2 |
| C ₃ A | 4.4 |
| C ₄ AF | 8.6 |

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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