

Chemical Report

Heidelberg Materials

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

Dispatched from Ribblesdale

Chemical analysis for week ending 11-Aug-24

Week No. 2024-32

| Compound | % |
|--------------------------------|--------|
| SiO ₂ | 20.01 |
| Al ₂ O ₃ | 4.88 |
| Fe ₂ O ₃ | 2.52 |
| CaO | 64.80 |
| MgO | 2.04 |
| SO ₃ | 3.38 |
| K ₂ O | 0.63 |
| Na ₂ O | 0.21 |
| Cl | 0.07 |
| Loss on Ignition | 3.42 |
| | |
| Not Detected | -1.96 |
| Total | 101.96 |

| | % |
|--|-------|
| Insol Residue | 0.58 |
| Free CaO | 1.0 |
| Certified Average Alkali Na ₂ O (Equiv) | 0.67 |
| LSF (x 100) | 98.31 |

| Clinker compounds by Rietveld analysis | |
|---|------|
| C ₃ S | 57.7 |
| C ₂ S | 17.4 |
| C ₃ A | 6.1 |
| C ₄ AF | 7.7 |

For and on behalf of
HEIDELBERG MATERIALS UK



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