

Chemical Report

Heidelberg Materials

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Composition of Ribblesdale PLC 52,5N, EN 197-1:2011, CEM II/A-LL 52,5N

Dispatched from Ribblesdale

Chemical analysis for week ending 22-Sep-24

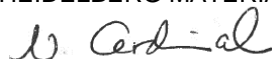
Week No. 2024-38

| Compound | % |
|--------------------------------|-------|
| SiO ₂ | 19.13 |
| Al ₂ O ₃ | 4.40 |
| Fe ₂ O ₃ | 2.64 |
| CaO | 64.60 |
| MgO | 1.90 |
| SO ₃ | 3.14 |
| K ₂ O | 0.71 |
| Na ₂ O | 0.20 |
| Cl | 0.07 |
| Loss on Ignition | n/a |
| Not Detected | 3.23 |
| Total | 96.77 |

| | % |
|--|--------|
| Insol Residue | n/a |
| Free CaO | 1.1 |
| Certified Average Alkali Na ₂ O (Equiv) | 0.62 |
| LSF (x 100) | 103.08 |

| Clinker compounds by Rietveld analysis | |
|---|------|
| C ₃ S | 57.5 |
| C ₂ S | 16.9 |
| C ₃ A | 4.5 |
| C ₄ AF | 8.1 |

For and on behalf of
HEIDELBERG MATERIALS UK



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