

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 16-Jun-24

Week No. 2024-24

| Compound | % |
|--------------------------------|-------|
| SiO ₂ | 19.98 |
| Al ₂ O ₃ | 4.57 |
| Fe ₂ O ₃ | 2.28 |
| CaO | 64.34 |
| MgO | 1.96 |
| SO ₃ | 3.23 |
| K ₂ O | 0.59 |
| Na ₂ O | 0.21 |
| Cl | 0.07 |
| Loss on Ignition | n/a |
| | |
| Not Detected | 2.79 |
| Total | 97.21 |

| | % |
|--|-------|
| Insol Residue | n/a |
| Free CaO | 0.7 |
| Certified Average Alkali Na ₂ O (Equiv) | 0.66 |
| LSF (x 100) | 98.71 |

| Clinker compounds by Rietveld analysis | |
|---|------|
| C ₃ S | 54.7 |
| C ₂ S | 18.4 |
| C ₃ A | 4.8 |
| C ₄ AF | 6.2 |

For and on behalf of
HEIDELBERG MATERIALS UK



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