

Chemical Report

Hanson Cement
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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 26-Mar-23


Week No. 2023-12

| Compound | % |
|--------------------------------|-------|
| SiO ₂ | 19.15 |
| Al ₂ O ₃ | 4.54 |
| Fe ₂ O ₃ | 2.13 |
| CaO | 64.73 |
| MgO | 2.16 |
| SO ₃ | 3.46 |
| K ₂ O | 0.63 |
| Na ₂ O | 0.24 |
| Cl | 0.07 |
| Loss on Ignition | n/a |
| | |
| Not Detected | 2.91 |
| Total | 97.09 |

| | % |
|--|--------|
| Insol Residue | n/a |
| Free CaO | 1.0 |
| Certified Average Alkali Na ₂ O (Equiv) | 0.65 |
| LSF (x 100) | 103.12 |

| Clinker compounds by Rietveld analysis | |
|---|------|
| C ₃ S | 52.4 |
| C ₂ S | 16.9 |
| C ₃ A | 6.6 |
| C ₄ AF | 5.2 |

For and on behalf of
HANSON CEMENT



Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
National Technical Manager
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