

Chemical Report

Heidelberg Materials

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

Dispatched from Padeswood

Chemical analysis for week ending 29-Mar-26

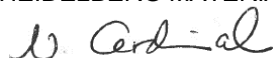
Week No. 2026-12

| Compound | % |
|--------------------------------|--------|
| SiO ₂ | 20.19 |
| Al ₂ O ₃ | 5.02 |
| Fe ₂ O ₃ | 3.09 |
| CaO | 64.27 |
| MgO | 1.04 |
| SO ₃ | 3.12 |
| K ₂ O | 0.54 |
| Na ₂ O | 0.19 |
| Cl | 0.06 |
| Loss on Ignition | 3.14 |
| | |
| Not Detected | -0.65 |
| Total | 100.65 |

| | % |
|--|-------|
| Insol Residue | 1.29 |
| Free CaO | 0.6 |
| Certified Average Alkali Na ₂ O (Equiv) | 0.55 |
| LSF (x 100) | 96.16 |

| Clinker compounds by Rietveld analysis | |
|---|------|
| C ₃ S | 56.7 |
| C ₂ S | 14.9 |
| C ₃ A | 7.9 |
| C ₄ AF | 7.5 |

For and on behalf of
HEIDELBERG MATERIALS UK



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

Technical Strategy Director

Heidelberg Materials UK

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