

## Chemical Report

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Composition of Padeswood PC, EN 197-1:2011, CEM I 52,5N  
Dispatched from Padeswood  
Chemical analysis for week ending 28-Jun-26

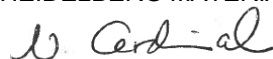
Week No. 2026-25

| Compound                       | %      |
|--------------------------------|--------|
| SiO <sub>2</sub>               | 20.50  |
| Al <sub>2</sub> O <sub>3</sub> | 5.27   |
| Fe <sub>2</sub> O <sub>3</sub> | 3.23   |
| CaO                            | 64.82  |
| MgO                            | 1.04   |
| SO <sub>3</sub>                | 3.34   |
| K <sub>2</sub> O               | 0.53   |
| Na <sub>2</sub> O              | 0.22   |
| Cl                             | 0.04   |
| Loss on Ignition               | 2.80   |
|                                |        |
| Not Detected                   | -1.79  |
| Total                          | 101.79 |

|                                                          | %     |
|----------------------------------------------------------|-------|
| Insol Residue                                            | 1.30  |
| Free CaO                                                 | 1.4   |
| Certified<br>Average Alkali<br>Na <sub>2</sub> O (Equiv) | 0.58  |
| LSF (x 100)                                              | 94.93 |

| Clinker compounds by<br>Rietveld analysis |      |
|-------------------------------------------|------|
| C <sub>3</sub> S                          | 56.7 |
| C <sub>2</sub> S                          | 14.5 |
| C <sub>3</sub> A                          | 7.9  |
| C <sub>4</sub> AF                         | 7.6  |

For and on behalf of  
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT  
Technical Strategy Director  
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