

## 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 31-May-26

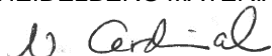
Week No. 2026-21

| Compound                       | %      |
|--------------------------------|--------|
| SiO <sub>2</sub>               | 20.45  |
| Al <sub>2</sub> O <sub>3</sub> | 5.26   |
| Fe <sub>2</sub> O <sub>3</sub> | 3.03   |
| CaO                            | 64.24  |
| MgO                            | 1.03   |
| SO <sub>3</sub>                | 3.32   |
| K <sub>2</sub> O               | 0.52   |
| Na <sub>2</sub> O              | 0.19   |
| Cl                             | 0.02   |
| Loss on Ignition               | 2.90   |
|                                |        |
| Not Detected                   | -0.96  |
| Total                          | 100.96 |

|  | %     |
|--|-------|
| Insol Residue  | 0.96  |
| Free CaO   | 0.9   |
| Certified<br>Average Alkali<br>Na <sub>2</sub> O (Equiv) | 0.57  |
| LSF (x 100)  | 94.47 |

| Clinker compounds by<br>Rietveld analysis |      |
|---|------|
| C <sub>3</sub> S                          | 55.8 |
| C <sub>2</sub> S                          | 15.5 |
| C <sub>3</sub> A                          | 8.1  |
| C <sub>4</sub> AF                         | 7.3  |

For and on behalf of  
HEIDELBERG MATERIALS UK



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