

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 19-Feb-23

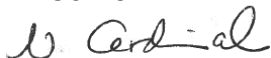
Week No. 2023-7

| Compound | % |
|--------------------------------|--------|
| SiO ₂ | 19.61 |
| Al ₂ O ₃ | 4.84 |
| Fe ₂ O ₃ | 2.89 |
| CaO | 66.36 |
| MgO | 1.00 |
| SO ₃ | 3.27 |
| K ₂ O | 0.54 |
| Na ₂ O | 0.21 |
| Cl | 0.04 |
| Loss on Ignition | 4.00 |
| | |
| Not Detected | -2.74 |
| Total | 102.74 |

| | % |
|--|--------|
| Insol Residue | 0.49 |
| Free CaO | 1.4 |
| Certified Average Alkali Na ₂ O (Equiv) | 0.53 |
| LSF (x 100) | 102.39 |

| Clinker compounds by Rietveld analysis | |
|---|------|
| C ₃ S | 64.8 |
| C ₂ S | 9.6 |
| C ₃ A | 8.1 |
| C ₄ AF | 4.4 |

For and on behalf of
HANSON CEMENT



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

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