

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 11-Sep-22

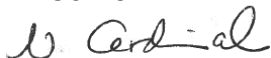
Week No. 2022-36

| Compound | % |
|--------------------------------|-------|
| SiO ₂ | 19.11 |
| Al ₂ O ₃ | 5.15 |
| Fe ₂ O ₃ | 2.60 |
| CaO | 62.23 |
| MgO | 1.06 |
| SO ₃ | 3.46 |
| K ₂ O | 0.44 |
| Na ₂ O | 0.22 |
| Cl | 0.04 |
| Loss on Ignition | 4.13 |
| | |
| Not Detected | 1.56 |
| Total | 98.44 |

| | % |
|--|-------|
| Insol Residue | 0.89 |
| Free CaO | 0.9 |
| Certified Average Alkali Na ₂ O (Equiv) | 0.55 |
| LSF (x 100) | 97.42 |

| Clinker compounds by Rietveld analysis | |
|---|------|
| C ₃ S | 60.4 |
| C ₂ S | 12.8 |
| C ₃ A | 8.2 |
| C ₄ AF | 4.1 |

For and on behalf of
HANSON CEMENT



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

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