

Chemical Report

Heidelberg Materials

UK

Ketton

Stamford

PE9 3SX

Tel: 0330 123 2074

Fax: 01780 727008

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

Dispatched from Padeswood

Chemical analysis for week ending 05-May-24

Week No. 2024-18

| Compound | % |
|--------------------------------|--------|
| SiO ₂ | 20.44 |
| Al ₂ O ₃ | 5.23 |
| Fe ₂ O ₃ | 3.04 |
| CaO | 65.94 |
| MgO | 1.04 |
| SO ₃ | 3.36 |
| K ₂ O | 0.53 |
| Na ₂ O | 0.24 |
| Cl | 0.04 |
| Loss on Ignition | 3.11 |
| | |
| Not Detected | -2.95 |
| Total | 102.95 |

| | % |
|--|-------|
| Insol Residue | 1.07 |
| Free CaO | 1.7 |
| Certified Average Alkali Na ₂ O (Equiv) | 0.57 |
| LSF (x 100) | 97.15 |

| Clinker compounds by Rietveld analysis | |
|---|------|
| C ₃ S | 60.7 |
| C ₂ S | 10.5 |
| C ₃ A | 8.7 |
| C ₄ AF | 6.7 |

For and on behalf of
HEIDELBERG MATERIALS UK



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

National Technical Manager

Heidelberg Materials UK

Heidelberg Materials UK has used all reasonable care to ensure the information herein contained is accurate but to the extent permitted in law, no liability can be accepted by Heidelberg Materials UK for any loss, damage, cost or expense arising from any inaccuracy, whether due to negligence or otherwise.