

## Chemical Report

Heidelberg Materials

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

Dispatched from Padeswood

Chemical analysis for week ending 12-Jan-25

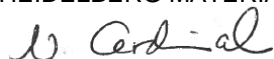
Week No. 2025-1

Compound	%
SiO <sub>2</sub>	20.05
Al <sub>2</sub> O <sub>3</sub>	5.09
Fe <sub>2</sub> O <sub>3</sub>	2.89
CaO	64.96
MgO	1.02
SO <sub>3</sub>	3.37
K <sub>2</sub> O	0.49
Na <sub>2</sub> O	0.20
Cl	0.04
Loss on Ignition	n/a
Not Detected	1.89
Total	98.11

	%
Insol Residue	n/a
Free CaO	1.6
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.51
LSF (x 100)	97.64

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	59.9
C <sub>2</sub> S	9.9
C <sub>3</sub> A	8.9
C <sub>4</sub> AF	6.2

For and on behalf of  
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT  
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Heidelberg Materials UK

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