

## 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 02-Feb-25

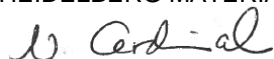
Week No. 2025-4

Compound	%
SiO <sub>2</sub>	20.30
Al <sub>2</sub> O <sub>3</sub>	5.07
Fe <sub>2</sub> O <sub>3</sub>	3.15
CaO	64.39
MgO	1.06
SO <sub>3</sub>	3.31
K <sub>2</sub> O	0.50
Na <sub>2</sub> O	0.21
Cl	0.05
Loss on Ignition	n/a
Not Detected	1.97
Total	98.03

	%
Insol Residue	n/a
Free CaO	1.6
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.53
LSF (x 100)	95.56

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	59.1
C <sub>2</sub> S	11.3
C <sub>3</sub> A	7.6
C <sub>4</sub> AF	7.5

For and on behalf of  
HEIDELBERG MATERIALS UK



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