

## 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 09-Jun-24

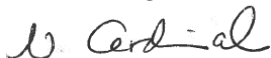
Week No. 2024-23

Compound	%
SiO <sub>2</sub>	20.20
Al <sub>2</sub> O <sub>3</sub>	5.46
Fe <sub>2</sub> O <sub>3</sub>	2.98
CaO	66.86
MgO	1.06
SO <sub>3</sub>	3.32
K <sub>2</sub> O	0.52
Na <sub>2</sub> O	0.22
Cl	0.05
Loss on Ignition	2.86
Not Detected	-3.51
Total	103.51

	%
Insol Residue	1.06
Free CaO	2.2
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.56
LSF (x 100)	99.23

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	58.6
C <sub>2</sub> S	10.8
C <sub>3</sub> A	9.6
C <sub>4</sub> AF	6.7

For and on behalf of  
HEIDELBERG MATERIALS UK



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