

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 14-Sep-25

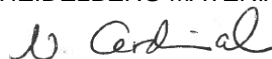
Week No. 2025-36

Compound	%
SiO ₂	20.27
Al ₂ O ₃	5.03
Fe ₂ O ₃	3.14
CaO	64.47
MgO	1.06
SO ₃	3.35
K ₂ O	0.46
Na ₂ O	0.19
Cl	0.05
Loss on Ignition	2.64
Not Detected	-0.64
Total	100.65

	%
Insol Residue	0.77
Free CaO	1.3
Certified Average Alkali Na ₂ O (Equiv)	0.50
LSF (x 100)	95.83

Clinker compounds by Rietveld analysis	
C ₃ S	61.2
C ₂ S	9.3
C ₃ A	7.8
C ₄ AF	7.4

For and on behalf of
HEIDELBERG MATERIALS UK



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