

Chemical Report

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Composition of Padeswood PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Padeswood
Chemical analysis for week ending 20-Sep-26

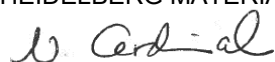
Week No. 2026-37

Compound	%
SiO ₂	20.67
Al ₂ O ₃	5.24
Fe ₂ O ₃	3.10
CaO	64.06
MgO	1.03
SO ₃	3.46
K ₂ O	0.56
Na ₂ O	0.20
Cl	0.07
Loss on Ignition	3.08
Not Detected	-1.45
Total	101.45

	%
Insol Residue	1.57
Free CaO	1.3
Certified Average Alkali Na ₂ O (Equiv)	0.56
LSF (x 100)	93.16

Clinker compounds by Rietveld analysis	
C ₃ S	55.2
C ₂ S	16.4
C ₃ A	7.4
C ₄ AF	7.2

For and on behalf of
HEIDELBERG MATERIALS UK



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