

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 21-Jun-26

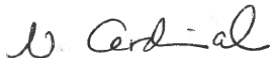
Week No. 2026-24

Compound	%
SiO ₂	20.46
Al ₂ O ₃	5.23
Fe ₂ O ₃	3.20
CaO	64.93
MgO	1.05
SO ₃	3.33
K ₂ O	0.53
Na ₂ O	0.22
Cl	0.04
Loss on Ignition	2.80
Not Detected	-1.78
Total	101.78

	%
Insol Residue	1.30
Free CaO	1.1
Certified Average Alkali Na ₂ O (Equiv)	0.58
LSF (x 100)	95.36

Clinker compounds by Rietveld analysis	
C ₃ S	58.5
C ₂ S	12.0
C ₃ A	7.9
C ₄ AF	7.4

For and on behalf of
HEIDELBERG MATERIALS UK



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