

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 17-May-26

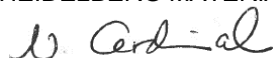
Week No. 2026-19

Compound	%
SiO ₂	20.37
Al ₂ O ₃	5.28
Fe ₂ O ₃	3.09
CaO	63.67
MgO	1.09
SO ₃	3.40
K ₂ O	0.56
Na ₂ O	0.23
Cl	0.07
Loss on Ignition	2.94
Not Detected	-0.68
Total	100.68

	%
Insol Residue	1.35
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.57
LSF (x 100)	93.74

Clinker compounds by Rietveld analysis	
C ₃ S	56.3
C ₂ S	15.1
C ₃ A	8.6
C ₄ AF	6.9

For and on behalf of
HEIDELBERG MATERIALS UK



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