

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 24-May-26

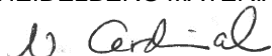
Week No. 2026-20

Compound	%
SiO ₂	20.33
Al ₂ O ₃	5.14
Fe ₂ O ₃	3.11
CaO	63.92
MgO	1.02
SO ₃	3.22
K ₂ O	0.55
Na ₂ O	0.21
Cl	0.06
Loss on Ignition	2.94
Not Detected	-0.50
Total	100.50

	%
Insol Residue	1.35
Free CaO	0.8
Certified Average Alkali Na ₂ O (Equiv)	0.57
LSF (x 100)	94.69

Clinker compounds by Rietveld analysis	
C ₃ S	56.0
C ₂ S	15.8
C ₃ A	7.7
C ₄ AF	7.4

For and on behalf of
HEIDELBERG MATERIALS UK



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