

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 11-Oct-26

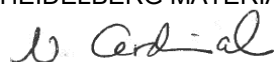
Week No. 2026-40

Compound	%
SiO ₂	20.43
Al ₂ O ₃	5.37
Fe ₂ O ₃	3.06
CaO	64.39
MgO	1.09
SO ₃	3.48
K ₂ O	0.45
Na ₂ O	0.20
Cl	0.05
Loss on Ignition	3.04
Not Detected	-1.55
Total	101.55

	%
Insol Residue	1.21
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.55
LSF (x 100)	94.38

Clinker compounds by Rietveld analysis	
C ₃ S	55.9
C ₂ S	15.1
C ₃ A	8.0
C ₄ AF	6.9

For and on behalf of
HEIDELBERG MATERIALS UK



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