

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 07-Jun-26

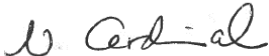
Week No. 2026-22

Compound	%
SiO ₂	20.45
Al ₂ O ₃	5.33
Fe ₂ O ₃	3.15
CaO	64.14
MgO	1.09
SO ₃	3.31
K ₂ O	0.53
Na ₂ O	0.20
Cl	0.04
Loss on Ignition	2.79
Not Detected	-1.02
Total	101.02

	%
Insol Residue	1.48
Free CaO	0.8
Certified Average Alkali Na ₂ O (Equiv)	0.57
LSF (x 100)	94.07

Clinker compounds by Rietveld analysis	
C ₃ S	57.4
C ₂ S	13.0
C ₃ A	8.8
C ₄ AF	7.5

For and on behalf of
HEIDELBERG MATERIALS UK



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