

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 05-Jul-26

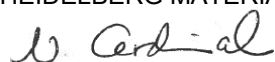
Week No. 2026-26

Compound	%
SiO ₂	20.44
Al ₂ O ₃	5.16
Fe ₂ O ₃	3.16
CaO	64.82
MgO	1.05
SO ₃	3.40
K ₂ O	0.51
Na ₂ O	0.21
Cl	0.03
Loss on Ignition	2.80
Not Detected	-1.57
Total	101.57

	%
Insol Residue	1.30
Free CaO	0.6
Certified Average Alkali Na ₂ O (Equiv)	0.57
LSF (x 100)	95.35

Clinker compounds by Rietveld analysis	
C ₃ S	58.3
C ₂ S	12.7
C ₃ A	7.4
C ₄ AF	7.5

For and on behalf of
HEIDELBERG MATERIALS UK



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