

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 13-Sep-26

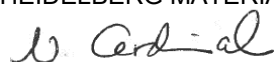
Week No. 2026-36

Compound	%
SiO ₂	20.57
Al ₂ O ₃	5.26
Fe ₂ O ₃	3.02
CaO	65.32
MgO	1.01
SO ₃	3.58
K ₂ O	0.53
Na ₂ O	0.21
Cl	0.06
Loss on Ignition	3.08
Not Detected	-2.63
Total	102.63

	%
Insol Residue	1.57
Free CaO	1.5
Certified Average Alkali Na ₂ O (Equiv)	0.56
LSF (x 100)	95.36

Clinker compounds by Rietveld analysis	
C ₃ S	55.0
C ₂ S	17.1
C ₃ A	7.7
C ₄ AF	6.9

For and on behalf of
HEIDELBERG MATERIALS UK



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