

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 27-Sep-26

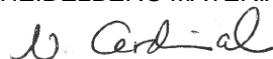
Week No. 2026-38

Compound	%
SiO ₂	20.58
Al ₂ O ₃	5.27
Fe ₂ O ₃	3.01
CaO	63.89
MgO	1.06
SO ₃	3.52
K ₂ O	0.54
Na ₂ O	0.21
Cl	0.08
Loss on Ignition	3.08
Not Detected	-1.22
Total	101.22

	%
Insol Residue	1.57
Free CaO	1.5
Certified Average Alkali Na ₂ O (Equiv)	0.56
LSF (x 100)	93.23

Clinker compounds by Rietveld analysis	
C ₃ S	55.0
C ₂ S	16.3
C ₃ A	7.6
C ₄ AF	7.0

For and on behalf of
HEIDELBERG MATERIALS UK



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