

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 12-Apr-26

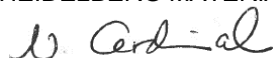
Week No. 2026-14

Compound	%
SiO ₂	20.13
Al ₂ O ₃	5.23
Fe ₂ O ₃	3.01
CaO	64.12
MgO	1.05
SO ₃	3.14
K ₂ O	0.54
Na ₂ O	0.19
Cl	0.05
Loss on Ignition	3.08
Not Detected	-0.55
Total	100.55

	%
Insol Residue	1.51
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.55
LSF (x 100)	95.86

Clinker compounds by Rietveld analysis	
C ₃ S	57.0
C ₂ S	15.4
C ₃ A	9.0
C ₄ AF	7.3

For and on behalf of
HEIDELBERG MATERIALS UK



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