

Chemical Report

heidelberg materials

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Composition of Padeswood PC, EN 197-1:2011, CEM I 52,5N

Dispatched from Padeswood

Chemical analysis for week ending 16-Feb-25

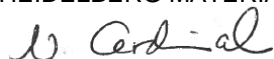
Week No. 2025-6

Compound	%
SiO ₂	20.03
Al ₂ O ₃	5.02
Fe ₂ O ₃	3.01
CaO	64.67
MgO	1.04
SO ₃	3.43
K ₂ O	0.53
Na ₂ O	0.22
Cl	0.05
Loss on Ignition	2.70
Not Detected	-0.69
Total	100.69

	%
Insol Residue	0.77
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.54
LSF (x 100)	97.22

Clinker compounds by Rietveld analysis	
C ₃ S	59.2
C ₂ S	10.7
C ₃ A	7.8
C ₄ AF	6.9

For and on behalf of
HEIDELBERG MATERIALS UK



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