

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 25-May-25

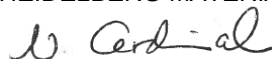
Week No. 2025-20

Compound	%
SiO ₂	20.28
Al ₂ O ₃	5.09
Fe ₂ O ₃	3.40
CaO	64.51
MgO	1.04
SO ₃	3.24
K ₂ O	0.48
Na ₂ O	0.22
Cl	0.04
Loss on Ignition	2.72
Not Detected	-1.02
Total	101.02

	%
Insol Residue	1.95
Free CaO	1.5
Certified Average Alkali Na ₂ O (Equiv)	0.51
LSF (x 100)	95.63

Clinker compounds by Rietveld analysis	
C ₃ S	60.6
C ₂ S	9.3
C ₃ A	7.7
C ₄ AF	7.4

For and on behalf of
HEIDELBERG MATERIALS UK



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