

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 15-Jun-25

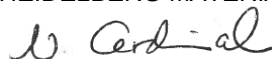
Week No. 2025-23

Compound	%
SiO ₂	20.65
Al ₂ O ₃	4.80
Fe ₂ O ₃	3.17
CaO	64.85
MgO	1.00
SO ₃	3.37
K ₂ O	0.36
Na ₂ O	0.20
Cl	0.03
Loss on Ignition	2.94
Not Detected	-1.36
Total	101.36

	%
Insol Residue	1.30
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.51
LSF (x 100)	95.23

Clinker compounds by Rietveld analysis	
C ₃ S	57.4
C ₂ S	14.1
C ₃ A	6.8
C ₄ AF	7.2

For and on behalf of
HEIDELBERG MATERIALS UK



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