

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 20-Apr-25

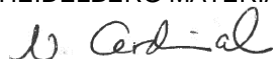
Week No. 2025-15

Compound	%
SiO ₂	20.45
Al ₂ O ₃	5.02
Fe ₂ O ₃	3.25
CaO	64.96
MgO	1.03
SO ₃	3.27
K ₂ O	0.43
Na ₂ O	0.22
Cl	0.03
Loss on Ignition	2.72
Not Detected	-1.38
Total	101.38

	%
Insol Residue	1.95
Free CaO	1.7
Certified Average Alkali Na ₂ O (Equiv)	0.49
LSF (x 100)	95.85

Clinker compounds by Rietveld analysis	
C ₃ S	60.1
C ₂ S	11.0
C ₃ A	7.6
C ₄ AF	7.4

For and on behalf of
HEIDELBERG MATERIALS UK



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