

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 01-Jun-25

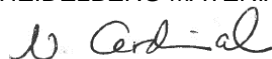
Week No. 2025-21

Compound	%
SiO ₂	20.24
Al ₂ O ₃	4.94
Fe ₂ O ₃	3.23
CaO	64.67
MgO	1.01
SO ₃	3.37
K ₂ O	0.45
Na ₂ O	0.21
Cl	0.04
Loss on Ignition	2.72
Not Detected	-0.87
Total	100.87

	%
Insol Residue	1.95
Free CaO	1.2
Certified Average Alkali Na ₂ O (Equiv)	0.52
LSF (x 100)	96.32

Clinker compounds by Rietveld analysis	
C ₃ S	59.9
C ₂ S	10.2
C ₃ A	7.5
C ₄ AF	7.5

For and on behalf of
HEIDELBERG MATERIALS UK



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