

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 13-Apr-25

Week No. 2025-14

Compound	%
SiO ₂	20.46
Al ₂ O ₃	4.93
Fe ₂ O ₃	3.37
CaO	64.77
MgO	1.01
SO ₃	3.43
K ₂ O	0.44
Na ₂ O	0.21
Cl	0.03
Loss on Ignition	2.72
Not Detected	-1.36
Total	101.36

	%
Insol Residue	1.95
Free CaO	1.3
Certified Average Alkali Na ₂ O (Equiv)	0.50
LSF (x 100)	95.38

Clinker compounds by Rietveld analysis	
C ₃ S	58.4
C ₂ S	12.2
C ₃ A	7.0
C ₄ AF	7.8

For and on behalf of
HEIDELBERG MATERIALS UK



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