

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 22-Sep-24

Week No. 2024-38

Compound	%
SiO ₂	19.64
Al ₂ O ₃	5.19
Fe ₂ O ₃	3.08
CaO	65.28
MgO	1.03
SO ₃	3.19
K ₂ O	0.49
Na ₂ O	0.15
Cl	0.04
Loss on Ignition	3.47
Not Detected	-1.55
Total	101.55

	%
Insol Residue	1.40
Free CaO	1.8
Certified Average Alkali Na ₂ O (Equiv)	0.50
LSF (x 100)	99.76

Clinker compounds by Rietveld analysis	
C ₃ S	60.3
C ₂ S	9.7
C ₃ A	9.4
C ₄ AF	6.2

For and on behalf of
HEIDELBERG MATERIALS UK



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