

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-Dec-24

Week No. 2024-51

Compound	%
SiO ₂	20.27
Al ₂ O ₃	4.95
Fe ₂ O ₃	3.13
CaO	65.07
MgO	1.00
SO ₃	3.37
K ₂ O	0.46
Na ₂ O	0.21
Cl	0.03
Loss on Ignition	2.39
Not Detected	-0.87
Total	100.87

	%
Insol Residue	1.19
Free CaO	1.1
Certified Average Alkali Na ₂ O (Equiv)	0.51
LSF (x 100)	96.89

Clinker compounds by Rietveld analysis	
C ₃ S	61.7
C ₂ S	9.1
C ₃ A	7.6
C ₄ AF	6.8

For and on behalf of
HEIDELBERG MATERIALS UK



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