

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 15-Dec-24

Week No. 2024-50

Compound	%
SiO ₂	20.28
Al ₂ O ₃	5.17
Fe ₂ O ₃	2.99
CaO	64.59
MgO	1.01
SO ₃	3.39
K ₂ O	0.51
Na ₂ O	0.21
Cl	0.03
Loss on Ignition	2.39
Not Detected	-0.56
Total	100.56

	%
Insol Residue	1.19
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.51
LSF (x 100)	95.82

Clinker compounds by Rietveld analysis	
C ₃ S	57.8
C ₂ S	11.5
C ₃ A	8.8
C ₄ AF	6.4

For and on behalf of
HEIDELBERG MATERIALS UK



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National Technical Manager

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