

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 21-Jan-24

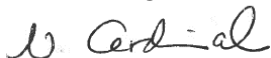
Week No. 2024-3

Compound	%
SiO ₂	20.25
Al ₂ O ₃	5.23
Fe ₂ O ₃	2.69
CaO	65.17
MgO	1.07
SO ₃	3.38
K ₂ O	0.65
Na ₂ O	0.23
Cl	0.04
Loss on Ignition	n/a
Not Detected	1.30
Total	98.70

	%
Insol Residue	n/a
Free CaO	1.1
Certified Average Alkali Na ₂ O (Equiv)	0.62
LSF (x 100)	97.06

Clinker compounds by Rietveld analysis	
C ₃ S	65.7
C ₂ S	8.8
C ₃ A	8.5
C ₄ AF	4.8

For and on behalf of
HEIDELBERG MATERIALS UK



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National Technical Manager

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