

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 07-Jan-24

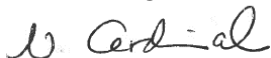
Week No. 2024-1

Compound	%
SiO ₂	20.42
Al ₂ O ₃	5.29
Fe ₂ O ₃	2.65
CaO	65.31
MgO	1.11
SO ₃	3.51
K ₂ O	0.65
Na ₂ O	0.23
Cl	0.04
Loss on Ignition	n/a
Not Detected	0.79
Total	99.21

	%
Insol Residue	n/a
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.60
LSF (x 100)	96.35

Clinker compounds by Rietveld analysis	
C ₃ S	65.3
C ₂ S	9.4
C ₃ A	8.7
C ₄ AF	4.1

For and on behalf of
HEIDELBERG MATERIALS UK



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National Technical Manager

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