

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 28-Apr-24

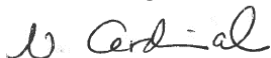
Week No. 2024-17

Compound	%
SiO ₂	19.88
Al ₂ O ₃	4.96
Fe ₂ O ₃	3.02
CaO	65.15
MgO	1.06
SO ₃	3.44
K ₂ O	0.50
Na ₂ O	0.22
Cl	0.02
Loss on Ignition	3.11
Not Detected	-1.34
Total	101.34

	%
Insol Residue	1.07
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.57
LSF (x 100)	98.74

Clinker compounds by Rietveld analysis	
C ₃ S	62.4
C ₂ S	7.6
C ₃ A	9.0
C ₄ AF	6.5

For and on behalf of
HEIDELBERG MATERIALS UK



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National Technical Manager

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