

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 14-Jan-24

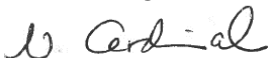
Week No. 2024-2

Compound	%
SiO ₂	20.48
Al ₂ O ₃	5.28
Fe ₂ O ₃	2.71
CaO	65.47
MgO	1.09
SO ₃	3.50
K ₂ O	0.65
Na ₂ O	0.23
Cl	0.04
Loss on Ignition	n/a
Not Detected	0.56
Total	99.44

	%
Insol Residue	n/a
Free CaO	0.8
Certified Average Alkali Na ₂ O (Equiv)	0.61
LSF (x 100)	96.32

Clinker compounds by Rietveld analysis	
C ₃ S	65.9
C ₂ S	8.9
C ₃ A	8.4
C ₄ AF	4.6

For and on behalf of
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM

National Technical Manager

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