

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 01-Feb-26

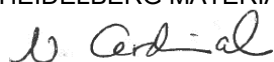
Week No. 2026-4

Compound	%
SiO ₂	20.61
Al ₂ O ₃	5.12
Fe ₂ O ₃	3.11
CaO	64.14
MgO	1.07
SO ₃	3.26
K ₂ O	0.54
Na ₂ O	0.21
Cl	0.06
Loss on Ignition	3.14
Not Detected	-1.27
Total	101.27

	%
Insol Residue	0.62
Free CaO	2.1
Certified Average Alkali Na ₂ O (Equiv)	0.56
LSF (x 100)	93.89

Clinker compounds by Rietveld analysis	
C ₃ S	54.6
C ₂ S	16.4
C ₃ A	7.6
C ₄ AF	7.5

For and on behalf of
HEIDELBERG MATERIALS UK



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

Technical Strategy Director

Heidelberg Materials UK

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