

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 30-Nov-25

Week No. 2025-47

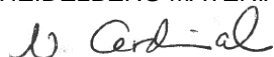
Compound	%
SiO ₂	20.57
Al ₂ O ₃	5.21
Fe ₂ O ₃	2.92
CaO	64.16
MgO	1.08
SO ₃	3.22
K ₂ O	0.51
Na ₂ O	0.22
Cl	0.07
Loss on Ignition	2.93
Not Detected	-0.87
Total	100.87

	%
Insol Residue	0.87
Free CaO	1.2
Certified Average Alkali Na ₂ O (Equiv)	0.53
LSF (x 100)	94.16

Clinker compounds by Rietveld analysis	
C ₃ S	54.6
C ₂ S	15.0
C ₃ A	8.6
C ₄ AF	6.5

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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