

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 29-Jun-25

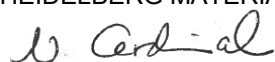
Week No. 2025-25

Compound	%
SiO ₂	20.45
Al ₂ O ₃	4.74
Fe ₂ O ₃	3.10
CaO	64.69
MgO	1.01
SO ₃	3.33
K ₂ O	0.39
Na ₂ O	0.19
Cl	0.03
Loss on Ignition	2.94
Not Detected	-0.86
Total	100.86

	%
Insol Residue	1.30
Free CaO	1.3
Certified Average Alkali Na ₂ O (Equiv)	0.49
LSF (x 100)	96.02

Clinker compounds by Rietveld analysis	
C ₃ S	58.2
C ₂ S	13.1
C ₃ A	6.9
C ₄ AF	7.0

For and on behalf of
HEIDELBERG MATERIALS UK



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

Technical Strategy Director

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