

Chemical Report

Heidelberg Materials
UK
Ketton
Stamford
PE9 3SX
Tel: 0330 123 2074
Fax: 01780 727008

Composition of Padeswood PC, EN 197-1:2011, CEM I 52,5N

Dispatched from Padeswood

Chemical analysis for week ending 09-Aug-26

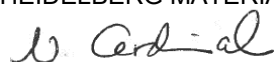
Week No. 2026-31

Compound	%
SiO ₂	20.22
Al ₂ O ₃	5.23
Fe ₂ O ₃	3.12
CaO	64.13
MgO	0.99
SO ₃	3.45
K ₂ O	0.52
Na ₂ O	0.22
Cl	0.03
Loss on Ignition	3.08
Not Detected	-0.98
Total	100.98

	%
Insol Residue	1.57
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.55
LSF (x 100)	95.08

Clinker compounds by Rietveld analysis	
C ₃ S	58.5
C ₂ S	11.9
C ₃ A	8.3
C ₄ AF	7.1

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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