

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 07-Sep-25

Week No. 2025-35

Compound	%
SiO ₂	20.31
Al ₂ O ₃	4.86
Fe ₂ O ₃	3.25
CaO	64.57
MgO	1.05
SO ₃	3.40
K ₂ O	0.44
Na ₂ O	0.19
Cl	0.04
Loss on Ignition	2.64
Not Detected	-0.75
Total	100.75

	%
Insol Residue	0.77
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.51
LSF (x 100)	95.94

Clinker compounds by Rietveld analysis	
C ₃ S	61.4
C ₂ S	9.9
C ₃ A	6.5
C ₄ AF	8.0

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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