

Chemical Report

Heidelberg Materials

UK

Ketton

Stamford

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

Dispatched from Ketton

Chemical analysis for week ending 28-Sep-25

Week No. 2025-38

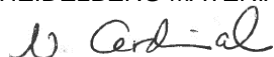
Compound	%
SiO ₂	20.02
Al ₂ O ₃	5.41
Fe ₂ O ₃	3.14
CaO	64.20
MgO	1.18
SO ₃	3.19
K ₂ O	0.60
Na ₂ O	0.26
Cl	0.05
Loss on Ignition	3.45
Not Detected	-1.48
Total	101.48

	%
Insol Residue	0.89
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	95.94

Clinker compounds by Rietveld analysis	
C ₃ S	60.4
C ₂ S	13.1
C ₃ A	9.7
C ₄ AF	7.4

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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