

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 29-Jun-25

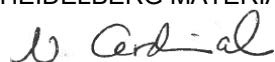
Week No. 2025-25

Compound	%
SiO ₂	19.78
Al ₂ O ₃	5.10
Fe ₂ O ₃	3.00
CaO	64.40
MgO	1.16
SO ₃	3.05
K ₂ O	0.64
Na ₂ O	0.27
Cl	0.04
Loss on Ignition	3.37
Not Detected	-0.80
Total	100.80

	%
Insol Residue	0.78
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.70
LSF (x 100)	98.13

Clinker compounds by Rietveld analysis	
C ₃ S	62.2
C ₂ S	10.9
C ₃ A	8.9
C ₄ AF	7.5

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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