

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 22-Jun-25

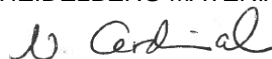
Week No. 2025-24

Compound	%
SiO ₂	19.66
Al ₂ O ₃	5.16
Fe ₂ O ₃	3.03
CaO	64.57
MgO	1.15
SO ₃	2.98
K ₂ O	0.63
Na ₂ O	0.28
Cl	0.04
Loss on Ignition	3.37
Not Detected	-0.87
Total	100.87

	%
Insol Residue	0.78
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.70
LSF (x 100)	98.89

Clinker compounds by Rietveld analysis	
C ₃ S	62.6
C ₂ S	10.2
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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