

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 23-Nov-25

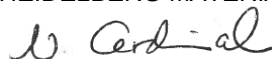
Week No. 2025-46

Compound	%
SiO ₂	19.96
Al ₂ O ₃	5.11
Fe ₂ O ₃	3.00
CaO	64.78
MgO	1.16
SO ₃	3.22
K ₂ O	0.55
Na ₂ O	0.26
Cl	0.04
Loss on Ignition	3.17
Not Detected	-1.25
Total	101.25

	%
Insol Residue	0.80
Free CaO	0.4
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	97.76

Clinker compounds by Rietveld analysis	
C ₃ S	59.9
C ₂ S	13.4
C ₃ A	10.5
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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