

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 10-Aug-25

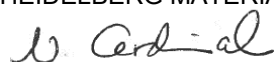
Week No. 2025-31

Compound	%
SiO ₂	19.96
Al ₂ O ₃	7.04
Fe ₂ O ₃	2.98
CaO	64.73
MgO	1.18
SO ₃	3.09
K ₂ O	0.58
Na ₂ O	0.24
Cl	0.04
Loss on Ignition	3.45
Not Detected	-3.26
Total	103.26

	%
Insol Residue	0.91
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.70
LSF (x 100)	94.70

Clinker compounds by Rietveld analysis	
C ₃ S	59.4
C ₂ S	13.5
C ₃ A	8.9
C ₄ AF	5.7

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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