

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 21-Dec-25

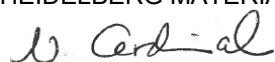
Week No. 2025-50

Compound	%
SiO ₂	20.59
Al ₂ O ₃	5.09
Fe ₂ O ₃	3.15
CaO	65.03
MgO	1.11
SO ₃	3.23
K ₂ O	0.51
Na ₂ O	0.30
Cl	0.04
Loss on Ignition	2.88
Not Detected	-1.94
Total	101.94

	%
Insol Residue	0.63
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.63
LSF (x 100)	95.39

Clinker compounds by Rietveld analysis	
C ₃ S	62.4
C ₂ S	11.7
C ₃ A	9.0
C ₄ AF	8.3

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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