

Chemical Report

Heidelberg Materials

UK

Ketton

Stamford

PE9 3SX

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Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N

Dispatched from Ketton

Chemical analysis for week ending 02-Nov-25

Week No. 2025-43

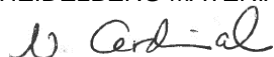
Compound	%
SiO ₂	20.23
Al ₂ O ₃	5.19
Fe ₂ O ₃	3.04
CaO	64.25
MgO	1.16
SO ₃	3.05
K ₂ O	0.59
Na ₂ O	0.26
Cl	0.04
Loss on Ignition	3.17
Not Detected	-0.96
Total	100.96

	%
Insol Residue	0.80
Free CaO	0.1
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	95.80

Clinker compounds by Rietveld analysis	
C ₃ S	60.8
C ₂ S	13.4
C ₃ A	10.0
C ₄ AF	8.0

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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