

Chemical Report

Heidelberg Materials
UK
Ketton
Stamford
PE9 3SX
Tel: 0330 123 2074
Fax: 01780 727008

Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Ketton
Chemical analysis for week ending 28-Jun-26

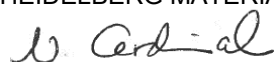
Week No. 2026-25

Compound	%
SiO ₂	20.51
Al ₂ O ₃	5.00
Fe ₂ O ₃	3.01
CaO	64.29
MgO	1.11
SO ₃	3.00
K ₂ O	0.48
Na ₂ O	0.28
Cl	0.04
Loss on Ignition	3.24
Not Detected	-0.95
Total	100.95

	%
Insol Residue	1.18
Free CaO	0.2
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	95.13

Clinker compounds by Rietveld analysis	
C ₃ S	60.4
C ₂ S	14.7
C ₃ A	9.2
C ₄ AF	7.7

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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