

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 22-Feb-26

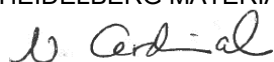
Week No. 2026-7

Compound	%
SiO ₂	20.38
Al ₂ O ₃	5.05
Fe ₂ O ₃	3.02
CaO	64.36
MgO	1.11
SO ₃	3.29
K ₂ O	0.62
Na ₂ O	0.30
Cl	0.05
Loss on Ignition	2.24
Not Detected	-0.41
Total	100.41

	%
Insol Residue	1.01
Free CaO	8.3
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	95.35

Clinker compounds by Rietveld analysis	
C ₃ S	59.9
C ₂ S	13.7
C ₃ A	9.7
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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