

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 08-Mar-26

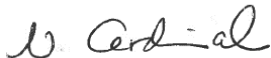
Week No. 2026-9

Compound	%
SiO ₂	20.34
Al ₂ O ₃	5.04
Fe ₂ O ₃	3.08
CaO	64.65
MgO	1.10
SO ₃	3.23
K ₂ O	0.61
Na ₂ O	0.29
Cl	0.04
Loss on Ignition	2.24
Not Detected	-0.60
Total	100.60

	%
Insol Residue	1.01
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	96.01

Clinker compounds by Rietveld analysis	
C ₃ S	63.9
C ₂ S	10.4
C ₃ A	10.0
C ₄ AF	8.6

 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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