



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 23-Feb-25

Week No. 2025-7

Compound	%
SiO ₂	20.03
Al ₂ O ₃	5.07
Fe ₂ O ₃	2.91
CaO	62.75
MgO	1.20
SO ₃	2.97
K ₂ O	0.61
Na ₂ O	0.27
Cl	0.05
Loss on Ignition	n/a
Not Detected	4.15
Total	95.85

	%
Insol Residue	n/a
Free CaO	0.4
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	94.70

Clinker compounds by Rietveld analysis	
C ₃ S	62.0
C ₂ S	11.4
C ₃ A	9.3
C ₄ AF	7.1

For and on behalf of
HEIDELBERG MATERIALS UK

N. Cardinal

Dr Nina Cardinal, Dipl.Ing., CEng, MICT
National Technical Manager
Heidelberg Materials UK

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