

Chemical Report

Heidelberg Materials

UK

Ketton

Stamford

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

Dispatched from Ketton

Chemical analysis for week ending 09-Mar-25

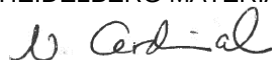
Week No. 2025-9

Compound	%
SiO ₂	20.16
Al ₂ O ₃	5.48
Fe ₂ O ₃	2.95
CaO	62.62
MgO	1.16
SO ₃	2.97
K ₂ O	0.59
Na ₂ O	0.29
Cl	0.03
Loss on Ignition	n/a
Not Detected	3.75
Total	96.25

	%
Insol Residue	n/a
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	93.24

Clinker compounds by Rietveld analysis	
C ₃ S	59.4
C ₂ S	13.9
C ₃ A	10.0
C ₄ AF	7.7

For and on behalf of
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT
Technical Strategy Director
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