

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 18-Jan-26

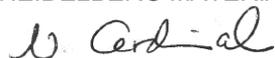
Week No. 2026-2

Compound	%
SiO ₂	20.62
Al ₂ O ₃	5.09
Fe ₂ O ₃	3.14
CaO	64.47
MgO	1.11
SO ₃	3.21
K ₂ O	0.55
Na ₂ O	0.31
Cl	0.05
Loss on Ignition	n/a
Not Detected	1.47
Total	98.53

	%
Insol Residue	n/a
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	94.46

Clinker compounds by Rietveld analysis	
C ₃ S	61.6
C ₂ S	12.5
C ₃ A	9.2
C ₄ AF	8.2

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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