

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 11-Jan-26

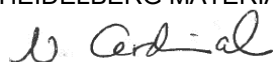
Week No. 2026-1

Compound	%
SiO ₂	20.57
Al ₂ O ₃	5.09
Fe ₂ O ₃	3.13
CaO	64.67
MgO	1.11
SO ₃	3.11
K ₂ O	0.53
Na ₂ O	0.31
Cl	0.04
Loss on Ignition	n/a
Not Detected	1.44
Total	98.56

	%
Insol Residue	n/a
Free CaO	0.1
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	95.05

Clinker compounds by Rietveld analysis	
C ₃ S	61.7
C ₂ S	12.3
C ₃ A	9.6
C ₄ AF	8.1

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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