

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 01-Mar-26

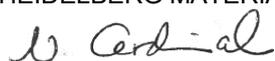
Week No. 2026-8

Compound	%
SiO ₂	20.44
Al ₂ O ₃	5.10
Fe ₂ O ₃	3.03
CaO	64.13
MgO	1.12
SO ₃	3.25
K ₂ O	0.65
Na ₂ O	0.30
Cl	0.05
Loss on Ignition	2.24
Not Detected	-0.28
Total	100.28

	%
Insol Residue	1.01
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	94.72

Clinker compounds by Rietveld analysis	
C ₃ S	60.9
C ₂ S	13.3
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

Heidelberg Materials UK

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