

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 05-Apr-26

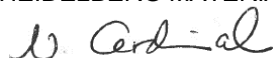
Week No. 2026-13

Compound	%
SiO ₂	20.40
Al ₂ O ₃	5.01
Fe ₂ O ₃	3.02
CaO	64.61
MgO	1.11
SO ₃	3.23
K ₂ O	0.51
Na ₂ O	0.29
Cl	0.03
Loss on Ignition	3.16
Not Detected	-1.36
Total	101.36

	%
Insol Residue	0.72
Free CaO	0.4
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	95.80

Clinker compounds by Rietveld analysis	
C ₃ S	60.1
C ₂ S	14.8
C ₃ A	9.2
C ₄ AF	8.0

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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