

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 12-Oct-25

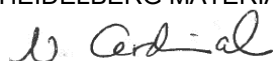
Week No. 2025-40

Compound	%
SiO ₂	20.43
Al ₂ O ₃	5.23
Fe ₂ O ₃	3.13
CaO	64.28
MgO	1.16
SO ₃	3.08
K ₂ O	0.69
Na ₂ O	0.25
Cl	0.06
Loss on Ignition	3.17
Not Detected	-1.48
Total	101.48

	%
Insol Residue	0.80
Free CaO	0.4
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	94.85

Clinker compounds by Rietveld analysis	
C ₃ S	60.3
C ₂ S	14.2
C ₃ A	9.1
C ₄ AF	8.9

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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