

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 14-Sep-25

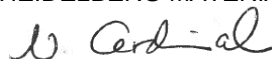
Week No. 2025-36

Compound	%
SiO ₂	20.41
Al ₂ O ₃	5.42
Fe ₂ O ₃	3.21
CaO	64.13
MgO	1.20
SO ₃	3.08
K ₂ O	0.57
Na ₂ O	0.25
Cl	0.04
Loss on Ignition	3.45
Not Detected	-1.76
Total	101.76

	%
Insol Residue	0.89
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	94.28

Clinker compounds by Rietveld analysis	
C ₃ S	60.5
C ₂ S	14.2
C ₃ A	8.8
C ₄ AF	6.3

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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