

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 07-Sep-25

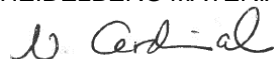
Week No. 2025-35

Compound	%
SiO ₂	20.40
Al ₂ O ₃	5.32
Fe ₂ O ₃	2.96
CaO	64.35
MgO	1.19
SO ₃	2.93
K ₂ O	0.64
Na ₂ O	0.28
Cl	0.04
Loss on Ignition	3.45
Not Detected	-1.54
Total	101.54

	%
Insol Residue	0.89
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	95.24

Clinker compounds by Rietveld analysis	
C ₃ S	62.1
C ₂ S	11.6
C ₃ A	9.3
C ₄ AF	6.1

For and on behalf of
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT
Technical Strategy Director
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