

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 03-Aug-25

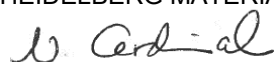
Week No. 2025-30

Compound	%
SiO ₂	19.70
Al ₂ O ₃	5.11
Fe ₂ O ₃	2.90
CaO	64.23
MgO	1.11
SO ₃	3.13
K ₂ O	0.67
Na ₂ O	0.26
Cl	0.04
Loss on Ignition	3.45
Not Detected	-0.58
Total	100.58

	%
Insol Residue	0.86
Free CaO	0.6
Certified Average Alkali Na ₂ O (Equiv)	0.71
LSF (x 100)	98.23

Clinker compounds by Rietveld analysis	
C ₃ S	59.7
C ₂ S	15.6
C ₃ A	7.3
C ₄ AF	6.4

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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