

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-Oct-25

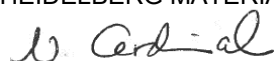
Week No. 2025-39

Compound	%
SiO ₂	20.43
Al ₂ O ₃	5.36
Fe ₂ O ₃	3.21
CaO	64.05
MgO	1.23
SO ₃	3.13
K ₂ O	0.60
Na ₂ O	0.25
Cl	0.04
Loss on Ignition	3.45
Not Detected	-1.74
Total	101.74

	%
Insol Residue	0.89
Free CaO	0.2
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	94.16

Clinker compounds by Rietveld analysis	
C ₃ S	57.1
C ₂ S	16.6
C ₃ A	9.4
C ₄ AF	9.0

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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