

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 20-Jul-25

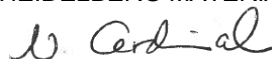
Week No. 2025-28

Compound	%
SiO ₂	19.89
Al ₂ O ₃	5.22
Fe ₂ O ₃	2.96
CaO	64.42
MgO	1.12
SO ₃	3.04
K ₂ O	0.64
Na ₂ O	0.29
Cl	0.05
Loss on Ignition	3.37
Not Detected	-0.98
Total	100.98

	%
Insol Residue	0.78
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.70
LSF (x 100)	97.55

Clinker compounds by Rietveld analysis	
C ₃ S	59.0
C ₂ S	15.4
C ₃ A	8.2
C ₄ AF	6.8

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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