

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 08-Feb-26

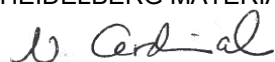
Week No. 2026-5

Compound	%
SiO ₂	20.69
Al ₂ O ₃	5.10
Fe ₂ O ₃	3.05
CaO	64.52
MgO	1.12
SO ₃	3.13
K ₂ O	0.57
Na ₂ O	0.30
Cl	0.04
Loss on Ignition	2.24
Not Detected	-0.74
Total	100.74

	%
Insol Residue	1.01
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	94.41

Clinker compounds by Rietveld analysis	
C ₃ S	61.1
C ₂ S	13.8
C ₃ A	9.8
C ₄ AF	7.9

For and on behalf of
HEIDELBERG MATERIALS UK



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