

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 22-Mar-26

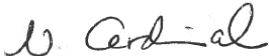
Week No. 2026-11

Compound	%
SiO ₂	20.38
Al ₂ O ₃	5.03
Fe ₂ O ₃	3.03
CaO	64.66
MgO	1.11
SO ₃	3.14
K ₂ O	0.52
Na ₂ O	0.29
Cl	0.03
Loss on Ignition	2.24
Not Detected	-0.42
Total	100.42

	%
Insol Residue	1.01
Free CaO	0.1
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	96.01

Clinker compounds by Rietveld analysis	
C ₃ S	60.7
C ₂ S	13.9
C ₃ A	9.4
C ₄ AF	8.3

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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