

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 29-Mar-26

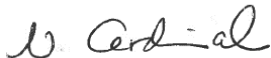
Week No. 2026-12

Compound	%
SiO ₂	20.35
Al ₂ O ₃	5.00
Fe ₂ O ₃	3.03
CaO	64.78
MgO	1.10
SO ₃	3.30
K ₂ O	0.48
Na ₂ O	0.28
Cl	0.04
Loss on Ignition	3.16
Not Detected	-1.50
Total	101.50

	%
Insol Residue	0.72
Free CaO	0.2
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	96.21

Clinker compounds by Rietveld analysis	
C ₃ S	58.6
C ₂ S	15.2
C ₃ A	9.4
C ₄ AF	8.2

 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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