

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 15-Mar-26

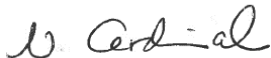
Week No. 2026-10

Compound	%
SiO ₂	20.29
Al ₂ O ₃	5.01
Fe ₂ O ₃	3.03
CaO	64.58
MgO	1.12
SO ₃	3.22
K ₂ O	0.58
Na ₂ O	0.30
Cl	0.03
Loss on Ignition	2.24
Not Detected	-0.39
Total	100.39

	%
Insol Residue	1.01
Free CaO	0.1
Certified Average Alkali Na ₂ O (Equiv)	0.69
LSF (x 100)	96.20

Clinker compounds by Rietveld analysis	
C ₃ S	64.9
C ₂ S	10.7
C ₃ A	8.9
C ₄ AF	7.8

 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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