

Chemical Report

Heidelberg Materials
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Ketton
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Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Ketton
Chemical analysis for week ending 31-May-26

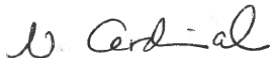
Week No. 2026-21

Compound	%
SiO ₂	20.41
Al ₂ O ₃	4.99
Fe ₂ O ₃	3.06
CaO	64.62
MgO	1.11
SO ₃	3.17
K ₂ O	0.60
Na ₂ O	0.30
Cl	0.04
Loss on Ignition	3.24
Not Detected	-1.53
Total	101.53

	%
Insol Residue	1.18
Free CaO	0.2
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	95.85

Clinker compounds by Rietveld analysis	
C ₃ S	62.4
C ₂ S	12.1
C ₃ A	8.7
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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