

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 05-Jul-26

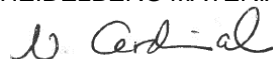
Week No. 2026-26

Compound	%
SiO ₂	20.44
Al ₂ O ₃	5.02
Fe ₂ O ₃	3.01
CaO	64.01
MgO	1.11
SO ₃	3.14
K ₂ O	0.50
Na ₂ O	0.29
Cl	0.04
Loss on Ignition	3.24
Not Detected	-0.78
Total	100.79

	%
Insol Residue	1.18
Free CaO	0.2
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	94.77

Clinker compounds by Rietveld analysis	
C ₃ S	60.4
C ₂ S	14.0
C ₃ A	9.6
C ₄ AF	7.6

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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