

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 14-Jun-26

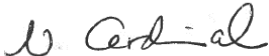
Week No. 2026-23

Compound	%
SiO ₂	20.35
Al ₂ O ₃	5.07
Fe ₂ O ₃	3.03
CaO	63.90
MgO	1.13
SO ₃	3.19
K ₂ O	0.57
Na ₂ O	0.31
Cl	0.04
Loss on Ignition	3.24
Not Detected	-0.81
Total	100.81

	%
Insol Residue	1.18
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	94.86

Clinker compounds by Rietveld analysis	
C ₃ S	62.1
C ₂ S	11.6
C ₃ A	10.0
C ₄ AF	7.6

For and on behalf of
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT
Technical Strategy Director
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