

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 21-Jun-26

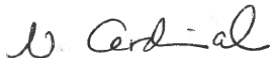
Week No. 2026-24

Compound	%
SiO ₂	20.40
Al ₂ O ₃	5.01
Fe ₂ O ₃	3.00
CaO	64.23
MgO	1.11
SO ₃	3.11
K ₂ O	0.54
Na ₂ O	0.29
Cl	0.05
Loss on Ignition	3.24
Not Detected	-0.97
Total	100.97

	%
Insol Residue	1.18
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	95.34

Clinker compounds by Rietveld analysis	
C ₃ S	60.4
C ₂ S	14.1
C ₃ A	9.4
C ₄ AF	7.4

For and on behalf of
HEIDELBERG MATERIALS UK



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