

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 19-Jul-26

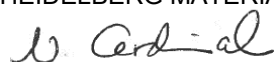
Week No. 2026-28

Compound	%
SiO ₂	20.47
Al ₂ O ₃	5.04
Fe ₂ O ₃	3.00
CaO	64.75
MgO	1.11
SO ₃	3.12
K ₂ O	0.62
Na ₂ O	0.30
Cl	0.05
Loss on Ignition	2.31
Not Detected	-0.75
Total	100.75

	%
Insol Residue	0.90
Free CaO	0.2
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	95.79

Clinker compounds by Rietveld analysis	
C ₃ S	61.9
C ₂ S	12.7
C ₃ A	9.8
C ₄ AF	7.5

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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