

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 06-Sep-26

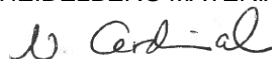
Week No. 2026-35

Compound	%
SiO ₂	20.38
Al ₂ O ₃	5.02
Fe ₂ O ₃	3.02
CaO	65.65
MgO	1.09
SO ₃	3.21
K ₂ O	0.44
Na ₂ O	0.31
Cl	0.03
Loss on Ignition	2.59
Not Detected	-1.72
Total	101.72

	%
Insol Residue	0.81
Free CaO	0.2
Certified Average Alkali Na ₂ O (Equiv)	0.62
LSF (x 100)	97.49

Clinker compounds by Rietveld analysis	
C ₃ S	62.1
C ₂ S	12.8
C ₃ A	9.6
C ₄ AF	7.9

For and on behalf of
HEIDELBERG MATERIALS UK



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