

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 27-Sep-26

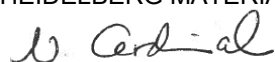
Week No. 2026-38

Compound	%
SiO ₂	20.40
Al ₂ O ₃	5.04
Fe ₂ O ₃	3.01
CaO	65.34
MgO	1.10
SO ₃	3.07
K ₂ O	0.44
Na ₂ O	0.32
Cl	0.03
Loss on Ignition	2.64
Not Detected	-1.39
Total	101.39

	%
Insol Residue	1.20
Free CaO	0.2
Certified Average Alkali Na ₂ O (Equiv)	0.61
LSF (x 100)	97.03

Clinker compounds by Rietveld analysis	
C ₃ S	60.4
C ₂ S	14.3
C ₃ A	9.5
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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