

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 09-Aug-26

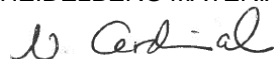
Week No. 2026-31

Compound	%
SiO ₂	20.39
Al ₂ O ₃	5.01
Fe ₂ O ₃	3.04
CaO	65.14
MgO	1.11
SO ₃	3.16
K ₂ O	0.47
Na ₂ O	0.30
Cl	0.03
Loss on Ignition	2.59
Not Detected	-1.23
Total	101.23

	%
Insol Residue	0.81
Free CaO	0.2
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	96.70

Clinker compounds by Rietveld analysis	
C ₃ S	61.1
C ₂ S	12.9
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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