

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 26-Apr-26

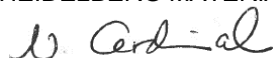
Week No. 2026-16

Compound	%
SiO ₂	20.40
Al ₂ O ₃	4.99
Fe ₂ O ₃	3.04
CaO	64.65
MgO	1.10
SO ₃	3.28
K ₂ O	0.55
Na ₂ O	0.30
Cl	0.05
Loss on Ignition	2.66
Not Detected	-1.03
Total	101.03

	%
Insol Residue	0.87
Free CaO	0.4
Certified Average Alkali Na ₂ O (Equiv)	0.63
LSF (x 100)	95.79

Clinker compounds by Rietveld analysis	
C ₃ S	61.2
C ₂ S	13.6
C ₃ A	8.6
C ₄ AF	8.1

For and on behalf of
HEIDELBERG MATERIALS UK



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