

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-Apr-26

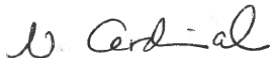
Week No. 2026-15

Compound	%
SiO ₂	20.35
Al ₂ O ₃	5.00
Fe ₂ O ₃	3.06
CaO	64.23
MgO	1.11
SO ₃	3.38
K ₂ O	0.53
Na ₂ O	0.29
Cl	0.04
Loss on Ignition	3.16
Not Detected	-1.15
Total	101.15

	%
Insol Residue	0.72
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	95.22

Clinker compounds by Rietveld analysis	
C ₃ S	59.3
C ₂ S	15.0
C ₃ A	8.8
C ₄ AF	8.5

For and on behalf of
HEIDELBERG MATERIALS UK



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