

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 03-May-26

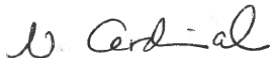
Week No. 2026-17

Compound	%
SiO ₂	20.45
Al ₂ O ₃	4.97
Fe ₂ O ₃	3.06
CaO	64.75
MgO	1.10
SO ₃	3.14
K ₂ O	0.50
Na ₂ O	0.30
Cl	0.04
Loss on Ignition	2.98
Not Detected	-1.27
Total	101.27

	%
Insol Residue	0.94
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.63
LSF (x 100)	95.95

Clinker compounds by Rietveld analysis	
C ₃ S	60.6
C ₂ S	14.3
C ₃ A	8.4
C ₄ AF	8.2

For and on behalf of
HEIDELBERG MATERIALS UK



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