

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 10-May-26

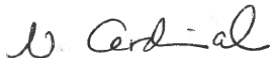
Week No. 2026-18

Compound	%
SiO ₂	20.37
Al ₂ O ₃	5.02
Fe ₂ O ₃	3.08
CaO	64.55
MgO	1.11
SO ₃	3.20
K ₂ O	0.52
Na ₂ O	0.29
Cl	0.05
Loss on Ignition	3.24
Not Detected	-1.43
Total	101.43

	%
Insol Residue	1.18
Free CaO	0.2
Certified Average Alkali Na ₂ O (Equiv)	0.63
LSF (x 100)	95.79

Clinker compounds by Rietveld analysis	
C ₃ S	60.5
C ₂ S	13.7
C ₃ A	8.9
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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