

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 20-Sep-26

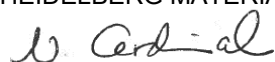
Week No. 2026-37

Compound	%
SiO ₂	20.46
Al ₂ O ₃	5.03
Fe ₂ O ₃	3.03
CaO	65.33
MgO	1.10
SO ₃	3.09
K ₂ O	0.46
Na ₂ O	0.31
Cl	0.03
Loss on Ignition	2.92
Not Detected	-1.74
Total	101.74

	%
Insol Residue	1.06
Free CaO	0.2
Certified Average Alkali Na ₂ O (Equiv)	0.61
LSF (x 100)	96.78

Clinker compounds by Rietveld analysis	
C ₃ S	59.7
C ₂ S	15.2
C ₃ A	9.4
C ₄ AF	8.0

For and on behalf of
HEIDELBERG MATERIALS UK



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