

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 16-Aug-26

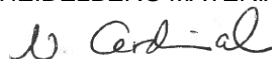
Week No. 2026-32

Compound	%
SiO ₂	20.25
Al ₂ O ₃	4.97
Fe ₂ O ₃	2.99
CaO	65.54
MgO	1.11
SO ₃	3.27
K ₂ O	0.45
Na ₂ O	0.31
Cl	0.03
Loss on Ignition	2.59
Not Detected	-1.49
Total	101.49

	%
Insol Residue	0.81
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	97.94

Clinker compounds by Rietveld analysis	
C ₃ S	60.3
C ₂ S	13.2
C ₃ A	10.1
C ₄ AF	7.3

For and on behalf of
HEIDELBERG MATERIALS UK



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