

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 12-Jul-26

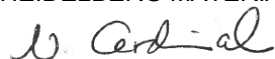
Week No. 2026-27

Compound	%
SiO ₂	20.41
Al ₂ O ₃	4.98
Fe ₂ O ₃	2.99
CaO	64.35
MgO	1.11
SO ₃	3.26
K ₂ O	0.57
Na ₂ O	0.30
Cl	0.05
Loss on Ignition	2.89
Not Detected	-0.90
Total	100.90

	%
Insol Residue	1.03
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	95.42

Clinker compounds by Rietveld analysis	
C ₃ S	60.9
C ₂ S	13.9
C ₃ A	9.1
C ₄ AF	7.7

For and on behalf of
HEIDELBERG MATERIALS UK



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