

Chemical Report

Heidelberg Materials
UK
Ketton
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Composition of Ketton PLC 52,5N, EN 197-1:2011, CEM II/A-LL 52,5N

Dispatched from Ketton

Chemical analysis for week ending 12-Jul-26

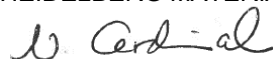
Week No. 2026-27

Compound	%
SiO ₂	19.82
Al ₂ O ₃	4.81
Fe ₂ O ₃	2.94
CaO	65.01
MgO	1.11
SO ₃	3.35
K ₂ O	0.53
Na ₂ O	0.28
Cl	0.04
Loss on Ignition	n/a
Not Detected	2.13
Total	97.87

	%
Insol Residue	n/a
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.62
LSF (x 100)	99.21

Clinker compounds by Rietveld analysis	
C ₃ S	58.9
C ₂ S	11.6
C ₃ A	8.8
C ₄ AF	7.1

For and on behalf of
HEIDELBERG MATERIALS UK



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

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