

Chemical Report

Heidelberg Materials
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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 20-Sep-26

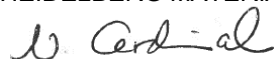
Week No. 2026-37

Compound	%
SiO ₂	19.75
Al ₂ O ₃	4.85
Fe ₂ O ₃	2.97
CaO	65.82
MgO	1.10
SO ₃	3.26
K ₂ O	0.42
Na ₂ O	0.30
Cl	0.03
Loss on Ignition	n/a
Not Detected	1.51
Total	98.49

	%
Insol Residue	n/a
Free CaO	0.0
Certified Average Alkali Na ₂ O (Equiv)	0.60
LSF (x 100)	100.79

Clinker compounds by Rietveld analysis	
C ₃ S	58.1
C ₂ S	12.0
C ₃ A	9.4
C ₄ AF	7.2

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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