

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 23-Aug-26

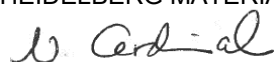
Week No. 2026-33

Compound	%
SiO ₂	19.80
Al ₂ O ₃	4.80
Fe ₂ O ₃	2.93
CaO	66.08
MgO	1.10
SO ₃	3.51
K ₂ O	0.45
Na ₂ O	0.30
Cl	0.02
Loss on Ignition	n/a
Not Detected	1.02
Total	98.98

	%
Insol Residue	n/a
Free CaO	0.1
Certified Average Alkali Na ₂ O (Equiv)	0.62
LSF (x 100)	100.82

Clinker compounds by Rietveld analysis	
C ₃ S	59.0
C ₂ S	11.0
C ₃ A	9.9
C ₄ AF	6.7

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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