

Chemical Report

Heidelberg Materials

UK

Ketton

Stamford

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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 14-Sep-25

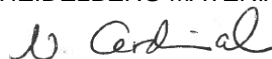
Week No. 2025-36

Compound	%
SiO ₂	18.99
Al ₂ O ₃	5.07
Fe ₂ O ₃	3.04
CaO	64.16
MgO	1.25
SO ₃	3.39
K ₂ O	0.59
Na ₂ O	0.25
Cl	0.04
Loss on Ignition	n/a
Not Detected	3.25
Total	96.75

	%
Insol Residue	n/a
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	100.98

Clinker compounds by Rietveld analysis	
C ₃ S	55.4
C ₂ S	13.3
C ₃ A	7.6
C ₄ AF	6.8

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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