

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 13-Jul-25

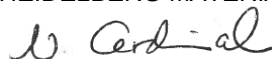
Week No. 2025-27

Compound	%
SiO ₂	18.71
Al ₂ O ₃	4.95
Fe ₂ O ₃	2.91
CaO	64.62
MgO	1.15
SO ₃	3.23
K ₂ O	0.63
Na ₂ O	0.27
Cl	0.04
Loss on Ignition	n/a
Not Detected	3.51
Total	96.49

	%
Insol Residue	n/a
Free CaO	0.6
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	103.59

Clinker compounds by Rietveld analysis	
C ₃ S	55.8
C ₂ S	11.4
C ₃ A	9.2
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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