

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 18-May-25

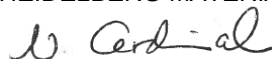
Week No. 2025-19

Compound	%
SiO ₂	19.54
Al ₂ O ₃	5.14
Fe ₂ O ₃	2.95
CaO	64.35
MgO	1.13
SO ₃	2.89
K ₂ O	0.66
Na ₂ O	0.28
Cl	0.04
Loss on Ignition	n/a
Not Detected	3.05
Total	96.95

	%
Insol Residue	n/a
Free CaO	0.6
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	99.28

Clinker compounds by Rietveld analysis	
C ₃ S	56.9
C ₂ S	12.5
C ₃ A	9.3
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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