

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 09-Mar-25

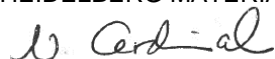
Week No. 2025-9

Compound	%
SiO ₂	19.53
Al ₂ O ₃	5.31
Fe ₂ O ₃	2.90
CaO	62.77
MgO	1.17
SO ₃	3.07
K ₂ O	0.59
Na ₂ O	0.27
Cl	0.03
Loss on Ignition	n/a
Not Detected	4.38
Total	95.62

	%
Insol Residue	n/a
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	96.35

Clinker compounds by Rietveld analysis	
C ₃ S	57.6
C ₂ S	11.9
C ₃ A	10.1
C ₄ AF	7.1

For and on behalf of
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT
Technical Strategy Director
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