

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 24-Aug-25

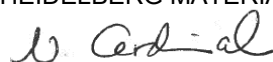
Week No. 2025-33

Compound	%
SiO ₂	18.94
Al ₂ O ₃	4.97
Fe ₂ O ₃	2.90
CaO	64.85
MgO	1.15
SO ₃	3.25
K ₂ O	0.58
Na ₂ O	0.24
Cl	0.04
Loss on Ignition	n/a
Not Detected	3.11
Total	96.89

	%
Insol Residue	n/a
Free CaO	0.4
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	102.83

Clinker compounds by Rietveld analysis	
C ₃ S	55.8
C ₂ S	13.6
C ₃ A	8.9
C ₄ AF	3.6

For and on behalf of
HEIDELBERG MATERIALS UK



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